Florida Gulf Coast University
10501 FGCU Boulevard South
Fort Myers, Florida 33965-6565
1-800-590-3428

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Florida Gulf Coast University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4500) to award associate, baccalaureate, and master’s degrees.
# ACADemiC YeAr 2007 – 2008

The calendar includes one fall break day/hurricane make-up day (October 9th), one University day (November 21), two reading days/hurricane make-up days before final exams (December 4th and 5th), and Commencement on December 15th. See the dates in bold below. The calendar was approved by the Faculty Senate 11/3/06.

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<td>Friday, June 27</td>
<td>Friday, June 27</td>
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<tr>
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<tr>
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<tr>
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<td>Saturday, May 24 –</td>
<td>Saturday, May 24 –</td>
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<tr>
<td>Independence Day Observed (no classes)</td>
<td>Monday, May 26</td>
<td>Monday, May 26</td>
</tr>
<tr>
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<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Last Day to Completely Withdraw without Academic Penalty</td>
<td>Friday, May 30</td>
<td>Friday, July 11</td>
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<tr>
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<td>Friday, June 27</td>
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<tr>
<td>Last Day of Classes/Finals</td>
<td>Friday, June 13</td>
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<tr>
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<td>Friday, July 25</td>
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<td>Friday, July 25</td>
<td>Friday, July 25</td>
</tr>
<tr>
<td>Grades Due from Faculty by Noon</td>
<td>Monday, July 28</td>
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</tbody>
</table>

1. For select group registration dates, go to Eagle Registration: [http://registration.fgcu.edu/Registation/ERegistration.html](http://registration.fgcu.edu/Registation/ERegistration.html)

2. State Tuition Waivers may be presented to the Office of the Registrar during this period without late registration fees.

3. Last day for seniors to submit Grade Forgiveness forms if applying for graduation - see academic advisor for details.

4. Grade Forgiveness application due from Seniors who have NOT applied for graduation - See academic advisor for details.

Not applicable for Seniors who have applied for graduation. See note 3.

FGCU reserves the right to revise, change, or modify any calendar information at anytime with appropriate notices to students, faculty, and staff.
Dear Students:

Welcome to the pages of the catalog for Florida Gulf Coast University, an institution defined by academic quality, student centeredness, outstanding teaching, and a beautiful campus environment.

Florida Gulf Coast University (FGCU) is a public, comprehensive university offering a wide range of undergraduate and graduate degree programs. Opened in the fall of 1997, FGCU is in the enviable position of having all new facilities that were especially designed and built for a campus of the 21st century. Technology and distance learning complement the traditional campus setting, giving students a variety of delivery mode options. Our students range from the traditional student who has just graduated from high school – to the older, employed individual seeking a degree or advanced training – to the retiree seeking to expand knowledge through a life-long commitment to learning. Florida Gulf Coast University offers something for everyone!

We are a dynamic university on the move, with student enrollment increasing from 2,700 students when we opened in 1997 to more than 8,300 current students. Our campus features 60 buildings, and there are many new academic and other facilities in the planning and construction phases. In addition to outstanding facilities and academic programs, FGCU’s research initiatives offer significant benefit to citizens of our region and state, and will be a cornerstone of new high-technology research parks planned near the campus.

We have embraced the technology that makes Internet access so popular today, and offer a comprehensive Web site at www.fgcu.edu for you to learn more about our academic degree programs, student organizations and services, faculty and staff, campus facilities, athletics, research, and continual learning opportunities. I hope you’ll take the time to read more about FGCU, and even more importantly, visit our beautiful campus to see the many opportunities here for you!

Sincerely,

Richard Pegnetter, Ph.D.
Interim President
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INTRODUCTION TO THE UNIVERSITY

Florida Gulf Coast University (FGCU) awards the following degrees:
A.A. Associate of Arts
B.A. Bachelor of Arts
B.S. Bachelor of Science
B.S.C.E. Bachelor of Science in Civil Engineering
B.S.Env.E. Bachelor of Science in Environmental Engineering
B.S.N. Bachelor of Science in Nursing
B.S.W. Bachelor of Social Work
M.A. Master of Arts
M.A.T. Master of Arts in Teaching
M.B.A. Master of Business Administration
M.Ed. Master of Education
M.P.A. Master of Public Administration
M.S. Master of Science
M.S.N. Master of Science in Nursing
M.S.W. Master of Social Work

Accreditation
Florida Gulf Coast University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award associate, baccalaureate, and master’s degrees.

Please refer to the appropriate college or school section for information regarding accreditation, approval, and certification of programs or units.

Historical Perspective

The history of Florida Gulf Coast University is a visionary one built on support for providing higher education opportunities in Southwest Florida. Area citizens began the initiative to bring a state university to this part of Florida, and their early requests were quickly supported by elected officials at the local and state levels.

The former Florida Board of Regents formally recommended in January 1991 the development of Florida’s tenth state university to be located in Southwest Florida, and, in May 1991, then Governor Lawton Chiles signed the legislation authorizing the new university. Southwest Florida’s support for a university was never more evident than during the next year, when private landowners offered more than 20 gift sites for the university campus. In early 1992, the Board of Regents selected the site offered by Ben Hill Griffin III and Alico, Inc. of 760 acres of land located just east of Interstate 75 between Alico and Corkscrew Roads.

Roy McTarnaghan was named founding university president in April 1993. Initial staff was hired that summer, and the university’s academic and campus planning began in earnest. Plans for the first phase of campus construction were unveiled in February 1994, and shortly thereafter, the Florida Legislature named the institution as “Florida Gulf Coast University.” The vision for the university was one that would address emerging higher education needs for the 21st century, including the use of technology in the learning/teaching process and multi-year contracts as an alternative to faculty tenure. The Board of Regents approved an agreement in May 1995 with the United Faculty of Florida allowing FGCU to offer a contract system for faculty.

Campus groundbreaking was held on November 28, 1995, with more than 600 people participating in the celebratory event for Southwest Florida. With aggressive academic pro-
gram and campus development schedules slated to culminate in an opening day of August 25, 1997, the early staff and faculty were busy meeting deadlines every month. Inaugural degree programs were approved by the Board of Regents in March 1996. The FGCU Foundation, a private fundraising arm of the university, gained extraordinary financial support for an institution that at the time could only be seen on a drawing board. Faculty members throughout the country were attracted to FGCU for the opportunity to offer higher education in new and innovative ways.

The first FGCU student, Mariana Coto, was admitted in January 1997, and she participated in the historic ribbon cutting on the university’s August 25, 1997 opening day. The Southern Association of Colleges and Schools awarded FGCU accreditation candidacy later that year, and a comprehensive self-study was launched. The first commencement was held in May 1998, with 81 FGCU graduates. In August 1998, the first phase of student housing opened. In September, Founding President McTarnaghan announced his intention to step down on May 1, 1999.

FGCU’s second commencement ceremonies, held May 1999, marked the last official act of the founding president. The Board of Regents launched a national search held during the spring and summer for FGCU’s second president, and the university received official notification in June 1999 that it had achieved, in record time, accreditation by the Southern Association of Colleges and Schools.

In July 1999, the Board of Regents named William C. Merwin as FGCU’s second president. President Merwin arrived on campus for his first day on September 16, 1999. He immediately initiated a highly participatory strategic planning process for students, faculty, and staff to carry the young institution to its next stage of development.

The Florida Legislature established governing boards of trustees for state universities in 2001, and 13 members were appointed to the Florida Gulf Coast University Board of Trustees. This governing board is providing leadership that is community based, responsive to the market, and nimble.

In January 2007, FGCU President Bill Merwin retired, and Dean of the Lutgert College of Business Richard Pegnetter was named Interim President by the FGCU Board of Trustees. A national search for FGCU’s third president is under way, with an anticipated selection by the FGCU Board of Trustees in the fall of 2007.

As FGCU moves forward, student applications and admissions are dramatically increasing; campus construction of academic and support buildings remains aggressive; new undergraduate and graduate degree programs are being added; our athletics program is moving from NCAA Division II to Division I; the Foundation’s private fundraising continues to be successful; and the excitement level for FGCU’s future is high.

Vision Statement
Florida Gulf Coast University will achieve national prominence in undergraduate education with expanding recognition for selected graduate programs.

Mission Statement
Established on the verge of the 21st century, Florida Gulf Coast University infuses the strengths of the traditional public university with innovation and learning-centered spirit, its chief aim being to fulfill the academic, cultural, social, and career expectations of its constituents.
Outstanding faculty uphold challenging academic standards and balance research, scholarly activities, and service expectations with their central responsibilities of teaching and mentoring. Through these efforts, the faculty and University transform students’ lives and the southwest Florida region.

Florida Gulf Coast University continuously pursues academic excellence, practices and promotes environmental sustainability, embraces diversity, nurtures community partnerships, values public service, encourages civic responsibility, cultivates habits of lifelong learning, and keeps the advancement of knowledge and pursuit of truth as noble ideals at the heart of the university’s purpose.

Guiding Principles

The founding of Florida Gulf Coast University at the advent of a new century is a signal event. It comes at a moment in history when the conditions that formed and sustained American higher education are fundamentally changing, and at a time when rapid shifts wrought by technology and social complexities are altering the very nature of work, knowledge, and human relationships. As a public institution, Florida Gulf Coast University eagerly accepts the leadership opportunity and obligation to adapt to these changes and to meet the educational needs of Southwest Florida. To do so, it will collaborate with its various constituencies, listen to the calls for change, build on the intellectual heritage of the past, plan its evolution systematically for the twenty-first century, and be guided by the following principles:

Student success is at the center of all university endeavors. The university is dedicated to the highest quality education that develops the whole person for success in life and work. Learner needs, rather than institutional preferences, determine priorities for academic planning, policies, and programs. Acceleration methods and assessment of prior and current learning are used to reduce the time it takes to earn a degree. Quality teaching is demanded, recognized, and rewarded.

Academic freedom is the foundation for the transmission and advancement of knowledge. The university vigorously protects freedom of inquiry and expression and categorically expects civility and mutual respect to be practiced in all deliberations.

Diversity is a source of renewal and vitality. The university is committed to developing capacities for living together in a democracy whose hallmark is individual, social, cultural, and intellectual diversity. It fosters a climate and models a condition of openness in which students, faculty, and staff engage multiplicity and difference with tolerance and equity.

Informed and engaged citizens are essential to the creation of a civil and sustainable society. The university values the development of the responsible self grounded in honesty, courage, and compassion, and committed to advancing democratic ideals. Through Service Learning requirements, the university engages students in community involvement with time for formal reflection on their experiences. Integral to the university’s philosophy is instilling in students an environmental consciousness that balances their economic and social aspirations with the imperative for ecological sustainability.

Service to Southwest Florida, including access to the university, is a public trust. The university is committed to forging partnerships and being responsive to its region. It strives to make available its knowledge resources, services, and educational offerings at times, places, in forms and by methods that will meet the needs of all its constituents. Access means not only admittance to buildings and programs, but also entrance into the spirit of intellectual and cultural community that the university creates and nourishes.

Technology is a fundamental tool in achieving educational quality, efficiency, and distribution. The university employs information technology in creative, experimental, and practical ways for delivery of instruction, for administrative and information management, and for student access and support. It promotes and provides distance- and time-free learning. It requires and cultivates technological literacy in its students and employees.

Connected knowing and collaborative learning are basic to being well educated. The university structures interdisciplinary learning experiences throughout the curriculum to endow students with the ability to think in whole systems and to understand the interrelatedness of knowledge across disciplines. Emphasis is placed on the development of teamwork skills through collaborative opportunities. Overall, the university practices the art of collective learning and collaboration in governance, operations, and planning.

Assessment of all functions is necessary for improvement and continual renewal. The university is committed to accounting for its effectiveness through the use of comprehensive and systematic assessment. Tradition is challenged; the status quo is questioned; change is implemented.

Undergraduate Student Learning Outcomes

Florida Gulf Coast University is committed to the following learning goals and educational outcomes, believing they provide a foundation for lifelong learning and effective citizenship. The specific outcomes involving knowledge, understanding, analysis, evaluation and collaboration provide the basis on which the university and the learner, sharing responsibility, can measure progress toward reaching these goals.

Goal 1: Aesthetic sensibility.

Know and understand the variety of aesthetic frameworks that have shaped, and continue to shape, human creative arts. Analyze and evaluate the aesthetic principles at work in literary and artistic composition, intellectual systems, and disciplinary and professional practices. Collaborate with others in projects involving aesthetic awareness, participation and/or analysis.

Goal 2: Culturally diverse perspective.

Know and understand the diversity of the local and global communities, including cultural, social, political and economic differences. Analyze, evaluate, and assess the impact of differences in ethnicity, gender, socioeconomic status, native language, sexual orientation and intellectual/disciplinary approaches. Participate in collaborative projects requiring productive interaction with culturally-diverse people, ideas and values.

Goal 3: Ecological perspective.

Know the issues related to economic, social and ecological sustainability. Analyze and evaluate ecological issues locally and globally. Participate in collaborative projects requiring awareness and/or analysis of ecological and environmental issues.

Goal 4: Effective communication.

Know the fundamental principles for effective and appropriate communication, including reading, writing, speaking and listening skills. Organize thoughts and compose ideas for a variety of audiences, using a range of communication tools and techniques. Participate in collaborative projects requiring effective communications among team members.

Goal 5: Ethical responsibility.

Know and understand the key ethical issues related to a va-
riety of disciplines and professions. Analyze and evaluate key ethical issues in a variety of disciplinary and professional contexts. Participate in collaborative projects requiring ethical analysis and/or decision-making.

Goal 6: Information literacy.
Identify and locate multiple sources of information using a variety of methods. Analyze and evaluate information within a variety of disciplinary and professional contexts. Participate in collaborative analysis and/or application of information resources.

Goal 7: Problem-solving abilities.
Understand the multi-disciplinary and interdisciplinary nature of knowledge. Apply critical, analytical, creative and systems thinking in order to recognize and solve problems. Work individually and collaboratively to recognize and solve problems.

Goal 8: Technological literacy.
Develop knowledge of modern technology. Process information through the use of technology. Collaborate with others using technology tools.

Goal 9: Community awareness and involvement.
Know and understand the important and complex relationships between individuals and the communities in which they live and work. Analyze, evaluate and assess human needs and practices within the context of community structures and traditions. Participate collaboratively in community service projects.

Graduate Student Learning Outcomes
Graduates of advanced degree programs at Florida Gulf Coast University will:
• Demonstrate excellence in critical thinking, problem solving, analysis, and strategic planning.
• Demonstrate effective use of a variety of communication skills and modalities.
• Exhibit professional and technical expertise consistent with discipline and/or content area accrediting or licensing bodies.
• Be prepared for leadership roles in professional and occupational areas and in communities in which they live and work.
• Demonstrate the capacity for continuing learning, growth, and scholarly activity in their respective disciplines and fields of study.

Ombudsman
The Office of the Ombudsman was established by the Florida Legislature to assist students in resolving problems and conflicts. The ombudsman reports directly to the president and provides a prompt, impartial, and confidential means of facilitating dialogue between parties on campus. The office also provides a means of resolving differences, apart from formal grievance procedures.

Once a problem is reported, the ombudsman works with the client to identify alternative responses to strategically address the matter. A plan is developed which seeks to achieve a mutually satisfactory solution. The office is firmly committed to maintaining the confidentiality of those who use the services. To the extent possible, the discussions, issues, concerns, or problems presented to the ombudsman remain in strict confidence.

For more information contact Dr. Charles W. McKinney, assistant to the president and university ombudsman, Academic Building #5, suite 213; phone (239) 590-1022, fax (239) 590-7407, e-mail cmck@fgcu.edu. In his absence, contact Ms. Linda Summers, Director, Academic Support Services/Center for Civic Engagement, Academic Building #5, suite 214, phone (239) 590-7016, fax (239) 590-7378, e-mail lsummers@fgcu.edu.

Diversity Statement
Florida Gulf Coast University is committed to building and maintaining a diverse, accessible, civil, and supportive learning community. It fosters respect and understanding among all cultures and all individuals who work, study, live, and teach within this community. Bigotry, expressions of hatred or prejudice, behaviors that infringe upon the freedom and respect that every individual deserves, and harassment of any kind transgress the university’s vision, mission and guiding principles. Just as learning benefits from the interplay of teaching and scholarship in a variety of disciplines, so does the university community learn and profit from diverse cultures and perspectives. Florida Gulf Coast University will continue to pursue its aspirations by fostering a welcoming environment through diversity and inclusion.

Athletics
FGCU offers a dynamic and successful intercollegiate athletics program that benefits students, student-athletes, faculty, staff and the greater community. Since debuting in 2000 with the launch of men’s and women’s golf and men’s and women’s tennis, FGCU athletics is enjoying remarkable success as a young program in only its eighth year. During 2002-03, men’s and women’s basketball, men’s and women’s cross country, men’s baseball and women’s softball were added, while volleyball became FGCU’s 11th sport in 2004. FGCU has added men’s and women’s soccer and women’s swimming and diving beginning in the 2007-08 academic year. FGCU boasts excellent athletic facilities including Alico Arena, Swanson Baseball Stadium, a softball complex, an aquatics center and 12 lighted tennis courts. Facilities currently being built include a baseball/softball/soccer clubhouse and a soccer stadium.

Beginning with the 2007-08 academic year, FGCU will be members of the National Collegiate Athletics Association (NCAA) Division I and are members of the Atlantic Sun Conference. The Atlantic Sun is a blend of the southeast’s finest and most dynamic private and state schools.

The intercollegiate athletics program has been able to attract the best and brightest coaches and student-athletes from around the world. FGCU’s student-athletes succeed in the classroom and in the playing arena with an overall GPA averaging 3.2 and a department-wide winning percentage of over 80 percent. It is also important that we give back to our community so our student-athletes and coaches have completed over 5,000 hours of community service each year since the inception of the athletics program.

Alico Arena
With a seating capacity of 4,500, Alico Arena is the University’s largest venue and host to basketball and volleyball games, as well as concerts, commencements, lecture series, and a variety of other events. The Arena includes three practice courts, an auxiliary gym, six sky boxes, and a hospitality room. Alico Arena is home to the Athletics Department, as well as Campus Recreation. For information on upcoming events please log on to: www.fgcu.edu/athletics/alicoarena

Aquatics Center
The Aquatics Center at FGCU includes a 25-yard pool and a 50-meter pool, as well as one-meter and three-meter diving boards. Students, faculty, and staff can enjoy the Aquatics Center free of charge. Special membership rates are available for student, faculty, and staff’s families. Aquatics programming
International Study and Education
International Study Abroad Programs. Florida Gulf Coast University students may participate in a variety of student exchange and study abroad programs in many countries throughout the world through a network of recognized programs at other universities and provider agencies. Programs are offered during the regular academic year and during the summer. Examples of previous courses of study include: anthropology, business, communication, culture, language, law, environment, health care, etc. Students have chosen to study in England, France, Germany, Italy, China, Spain, Czech Republic, Australia, New Zealand, Brazil, Ecuador, Mexico, Guyana, and Peru.

Students who wish to include an international experience abroad as part of their educational program at FGCU may contact the International Services Office for assistance.

International partnerships and linkages.
The university and its academic units have established partnerships and linkages with institutions and organizations on four continents and in the Caribbean.

- China: The Institute of Chinese Studies (ICS) is a new program at Florida Gulf Coast University that was initiated in 2005. The ICS has signed exchange agreements with two Chinese universities, Nankai University in Tianjin, China and Yantai University in Yantai, Shandong, China. The mission of the ICS is to facilitate academic programming and other linkages between our partner universities and FGCU. The Institute of Chinese Studies, under the leadership of Dr. Daniel Borgia, is dedicated to providing internationally recognized educational programs and services designed to enhance the skills and competencies of university students and working professionals in the area of Chinese Studies. We achieve this through a variety of flexible partnerships, programs, and scholarship within a ‘second circle’ international partnership model with universities, communities, and business professionals from the People’s Republic of China. Our current academic initiatives include: Joint Undergraduate/MBA; Dual Undergraduate Degree; and Visiting Student Programs and Faculty Exchanges, Student Support, and Other Programs and Activities.

- France: FGCU has a student exchange agreement with Burgundy School of Business, Dijon-Bourgogne offering upper level undergraduate and graduate degree programs in business. In 2006 student exchange agreements were signed with Audencia Nantes School of Management and with Groupe ESC Toulouse. Both are programs for business students and are accredited by AACSB International, Equis and the AMBA. The Groupe ESC Toulouse has a campus in Toledo, Spain. FGCU students can attend classes at either campus as part of the exchange agreement. A long term research collaboration between marine scientists in Brest, France and FGCU led to a cooperative research agreement involving marine research and development between the European Institute of Marine Studies of the University of Brest (Institut Universitaire Européen del la Mer de l’Université de Bretagne Occidentale) and FGCU. The aim of this agreement is to further the development of basic scientific and applied research with goals of advancing research in marine science and gaining a more fundamental understanding of the marine ecosystems. The agreement includes: exchanging researchers, scientists, faculty members, and graduate students; exchanging scientific information in fields of mutual interest; intellectual exchange through lectures, talks, conferences, colloquia, symposia and sharing of experiences; and implementing cooperative research programs.

- Germany: Agreements have been signed with the following German universities: University of Wuerzburg in Wuerzburg, Pforzheim University of Applied Sciences in Pforzheim, FH Harz University in Wernigerode, The Evangelische Fachhochschule Rheinland-Westfalen-Lippe (EFH) in Bochum, and FH Jena University of Applied Sciences in Jena. Besides the traditional student and faculty exchange agreement with the University of Wuerzburg, two other programs link Wuerzburg and FGCU students: one through distance education courses and the other an Executive MBA Certificate Program. A letter of intent was signed whereby FGCU in partnership with FH Harz and the Otto-von-Guericke University of Magdeburg are to offer a joint Master of Business Informatics/Computer Information Systems as soon as program negotiations are completed. In addition, there is a regional agreement between the Saxony-Anhalt region and the Southwest Florida business community. Academic and professional exchanges and collaborative relationships in research, business development, and curricula development are major components of these agreements.

- Italy: The Stazione Zoologica ‘Anton Dohrn’ di Napoli, Naples, Italy, has signed a cooperative research agreement with FGCU. The aim of this agreement is to engage in cooperative research activities involving basic scientific and applied research with goals of advancing research in biotechnology, molecular biology, marine biology, ecology, and botany using marine organisms. The Stazione and FGCU wish to maintain and promote channels of cooperation and communication that permit the exchange of academic and scientific knowledge. The agreement includes: exchanging researchers, scientists, faculty members, and students; exchanging scientific information in fields of mutual interest; intellectual exchange through lectures, talks, conferences, colloquia, symposia and sharing of experiences; and implementing cooperative research programs.

- Mexico: FGCU facilitated collaboration between businesses in Southwest Florida and Mexico, including a regional agreement between the regions of Carmen and Campeche, and the Southwest Florida business community. In addition, the university has a signed student exchange agreement with Universidad Autonoma del Carmen and linkages with the Universidad Autonomo de Campeche, Instituto Campechano, the University of the Yucatan, and Metropolitan Autonomous University. The FGCU Lutgert College of Business faculty participated in teaching several modules of the Executive MBA at Universidad Autonoma del Carmen.

- New Zealand: FGCU has a signed agreement with Unitec International in Auckland. The first faculty exchange between the two schools occurred in the fall of 2005, and the first student exchange from FGCU took place in the spring 2006 semester.

- Sweden: Halmstad University, Halmstad, has an active student exchange program with FGCU. An agreement has been signed expanding undergraduate opportunities for Swedish students to attend FGCU as full-time FGCU students.

- Guyana: Since 1998, FGCU has had a formal relationship with the University of Guyana-Georgetown, South America. There has been an active exchange of social work faculty and students participating in programs and conducting workshops in Fort Myers, FL and Georgetown, Guyana.

Students in the College of Arts and Sciences participate in study abroad language immersion programs in Spain and Latin America and study tours to Latin America, China, and Europe.
The Lutgert College of Business is on the cutting edge for partnering and pedagogical approaches that link the FGCU student to the world and the world to FGCU. The Lutgert College of Business has created a paradigm that is being recognized throughout the U.S. and internationally. Known as the Second Circle Model, the business and academic communities collaborate in the process of knowledge acquisition and dissemination and in community development.

The College of Education has a partnership with the University of Glasgow, Scotland whereby Scottish student teachers do their field experiences in the partnership country. The College of Education is a charter member of the Caribbean Basin network of teacher educators supporting the annual international project titled: “Reorienting Teacher Education Towards a Sustainable Future”.

The College of Professional Studies has partnership agreements with the University of Guyana-Georgetown South America, and the University of the Applied Social Sciences in Bochum Germany. FGCU faculty and students have participated in interdisciplinary workshops with colleagues from the University of Guyana and the University of the Applied Social Sciences in Germany. German students have enrolled in distance learning courses with and completed internships under the auspices of FGCU faculty. FGCU students have attended lectures at Tsinghua University Law School, visited the Supreme Court Appellate Court, and met with judges in Beijing China under the auspices of FGCU faculty.

Note: The above named partner institutions are not accredited by the Commission on Colleges of the Southern Association of Colleges and Schools and the accreditation of FGCU does not extend to or include the partner institutions or its students. Although FGCU accepts certain course work in transfer from our international partners, other colleges and universities may not accept this work in transfer, even if it appears on a transcript from FGCU.

International Services
239-590-7925
International student admission information is available in the International Student Admission Guide through the Office of Admissions. The International Services Office provides support services for international students, information and assistance to FGCU students for Study Abroad, and consultation to university departments. International student support services include pre-arrival information, orientation, enrollment, document processing, immigration advising, cross-cultural adjustment and integrating international students into the university and community experience. Programs such as the International Reception, International Celebration, International Club and topical presentations offer opportunities for students, university and community members to meet, learn and share their cultures. International Services also provides information and support services for study abroad opportunities. Students may utilize the Study Abroad Resource Library, attend information sessions and the Study Abroad Fair, consult with staff and receive assistance in finding and participating in an experience abroad. The office also assists university departments and individuals with immigration matters and development of international initiatives.

Research and Sponsored Programs
The Office of Research and Sponsored Programs (ORSP) is an integral and essential part of the overall FGCU teaching mission. Faculty participation in such activity plays a major role in the educational process at FGCU. Our dedicated faculty and staff provide a rich environment for students to take part in scholarly work and research while attending FGCU.

Research efforts by our faculty enrich teaching and the classroom experience for our students. We are preparing students to continue learning and expanding their knowledge after leaving FGCU. Many opportunities are available for students to become involved in research efforts our faculty members conduct.

Since FGCU opened in August 1997 external support for research and sponsored programs has exceeded $85 million. During our last completed fiscal year FGCU faculty and staff submitted 172 proposals and were awarded $14 million in new grants and contracts. Please visit our web site at www.fgcu.edu/orsp to learn more about our programs or simply stop by Griffin Hall Suite 135 to personally visit us and learn of potential opportunities available to you.

Teacher Preparation Programs
Florida Gulf Coast University considers the preparation of teachers and other professional educators an integral part of its vision and mission. The university is dedicated to providing high quality educator preparation programs for meaningful careers in schools and agencies.

Title II of the Higher Education Act
Title II, Section 207 of the Higher Education Act mandates that universities make available certain information concerning the institution’s teacher preparation programs including the pass rate of program completers on assessments required by the state for teacher licensure or certification, the statewide pass rate on those assessments, and other basic information on teacher preparation programs. The information pertaining to Florida Gulf Coast University is available on the web at http://www.coe.fgcu.edu

All College of Education academic degree programs were revised in 1999-2000 and reviewed and approved against the most current state standards in the fall of 2006. FGCU’s College of Education offers six baccalaureate degree programs that lead to certification in early childhood education (Age 3 to Grade 3), elementary education, special education, and secondary education (biology, mathematics, or social sciences). All undergraduate programs lead to certification and early childhood education, elementary education, and special education include endorsement in ESOL. At the graduate level, school counseling and educational leadership prepare students for certification by the Florida Department of Education. Other advanced degree studies include educational technology, ESOL, mental health counseling, reading, special education, elementary education, and curriculum and instruction. The College also supports many non-degree seeking students in courses leading to certification, additional endorsement, or advanced study in education.

Student Characteristics:
Approximately 78% of College of Education undergraduates come from the surrounding five county service area of FGCU. On average, 20% represent ethnic or racial minorities, and 90% are women. Three quarters of current undergraduate teacher education students are under 30 years of age. At the graduate level, 80% are females and 37% are under 30.

Admission Requirements:
Refer to program descriptions for admission requirements.

Internship/Student Teaching Requirements:
Undergraduate degree seeking students in programs apply for final internship in advance and are placed in area schools when they have completed all but one course of their College of Education courses with a grade point average of 2.5 or higher. Special features:
• Frequent and integrated field experiences throughout study.
• Integrated study in a unique expeditionary format that promotes best teaching practices with all students. Graduate degree seeking students have frequent and integrated field experiences throughout their course of study.

Contextual Information:
Revised programs described above were implemented in the fall of 2002 and 2005 and all teacher certification programs received full approval from the Florida Department of Education in 2006.

625 students were enrolled in College of Education degree programs in 2005-2006 of whom 405 were seeking initial teacher certification.

The FGCU College of Education has extensive partnerships with area schools and districts that include a professional development school, special centers to support targeted need groups (i.e., special education, instructional enhancement) and low performing schools in its five county area through the Alliance of Educational Leaders.

Pass Rate Data:
The following pass rate data is for the 2005-06 academic year and is based upon data verified by the Florida Department of Education.

<table>
<thead>
<tr>
<th>Program Area</th>
<th>Number of Students Completing the Program</th>
<th>Pass Rate on all FTCE Sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Skills (GLAST)</td>
<td>130</td>
<td>100%</td>
</tr>
<tr>
<td>Subject Area Exam</td>
<td>130</td>
<td>100%</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>13</td>
<td>100%</td>
</tr>
<tr>
<td>Elementary Education</td>
<td>74</td>
<td>100%</td>
</tr>
<tr>
<td>Secondary Education</td>
<td>0</td>
<td>100%</td>
</tr>
<tr>
<td>School Counseling</td>
<td>5</td>
<td>100%</td>
</tr>
<tr>
<td>Special Education</td>
<td>18</td>
<td>100%</td>
</tr>
<tr>
<td>Ed leadership (all certification areas)</td>
<td>20</td>
<td>100%</td>
</tr>
<tr>
<td>Professional Education</td>
<td>130</td>
<td>100%</td>
</tr>
</tbody>
</table>

WGCU-TV and WGCU-FM
FGCU is home to WGCU Public Media, a comprehensive media enterprise that provides Southwest Florida:
• National public television and radio programming that informs, educates, entertains, and enriches;
• Locally produced TV/FM programs focusing on this region's cultural arts, health concerns, environmental topics and issues, Southwest Florida history, and news/public affairs.
• Numerous community outreach projects, including Florida Landscape, Curious Kids Club, WGCU Renaissance Academy, and our Radio Reading Service for persons with visual disabilities;
• www.wgcu.org, an information rich website with digital archives of all locally produced TV and FM programs and features; and
• expressions, a monthly magazine, filled with information on cultural events, the environment, interesting and relative essays, poetry, and extended radio and television program information.

The stations broadcast from a state-of-the-art campus facility that includes an HDTV master control facility, television and radio production studios, and remote location production services. The television station broadcasts on channel 30/cable 3 and DT 31. The radio station can be received at 90.1 FM, from a 100,000-watt stereo signal, and on WMKO-FM 91.7 FM, which reaches the most southern part of Collier County and Marco Island.

University Bookstore
239-590-1150
www.fgcu.bkstr.com

The FGCU Bookstore is located in the Student Union and offers online or in-store shopping for required textbooks as well as being your headquarters for all kinds of FGCU clothing, gifts and office supplies including special academic pricing on software. An academic book buyback program is also available.

Dining Services
FGCU offers the following dining locations:
• The Perch RFoC (Real Food on Campus) at the Student Union
• Einstein Bros. Bagels at the Student Union
• Eagle Cafe at Howard Hall featuring Subway, Taco Bell Express, and C3 Grab & Go
• C3 Convenience Store at Housing Eagle’s Landing
• Starbucks at the Library (Coming Late Spring 2007)
For Meal Plan options, menus, hours of operations, and care package information please visit us online at www.fgcudining.com.

Eagle ID Card Office
239-590-7645
www.fgcu.edu/EagleID

The FGCU Eagle ID card is the university identification card. All students are issued an Eagle ID card at their orientation. Your card is required for the library, computer labs, housing, meal plans, recreational services, and event privileges. For additional information and location please visit our website.

University Police and Safety
The University Police and Safety Department provides a full range of public safety services to the university community 24 hours a day, seven days a week. Services provided by the department include, but are not limited to, routine patrol on foot, bicycle or vehicle; alarm monitoring; escorting students, faculty and staff on request; motorist assistance with lockouts, dead batteries, etc.; lost and found, and educational programs (RAD, Securing Your Home, Robbery Prevention).

Vehicle registration and parking. By rule (6C10-8), the university requires all students, faculty, and staff to register their vehicles if they operate or park a motor vehicle on property owned by or in control of the university. This rule is in effect 24 hours a day for each day of the year. (See section on Tuition, Fees, and Refunds for additional information.)
CENTERS AND INSTITUTES

Centers and institutes are established at universities for the purpose of coordinating intra and/or inter-institutional research, service, and training activities that supplement and extend existing departmental instruction, research, and service programs. FGCU currently has eight formally approved centers and institutes. These include:

Center for Leadership and Innovation
The Center for Leadership and Innovation (CLI) is an extension of the Lutgert College of Business and an integral element of Florida Gulf Coast University’s outreach to the surrounding communities. The CLI is located in the Gateway area, near the Southwest Florida International Airport, and houses a number of activities that provide for educational programming, workforce development and support for economic development in the region.

The CLI is home to Florida Gulf Coast University’s Executive MBA degree (EMBA), a specially designed program for middle and senior level professionals. The EMBA Program allows students to complete the degree within two years, while continuing to maintain their full-time, professional commitments.

The CLI also houses the following:
- Small Business Development Center (SBDC) is a federally funded program of the Small Business Administration. The SBDC provides counseling and program support to small businesses throughout the region.
- The Sponsored Projects and Programs Office coordinates the educational, research, and consultative services for public/private organizations/companies and individuals. This office oversees FGCU’s Certified Financial Planner professional certification program.
- Other faculty institutes include: Institute for Chinese Studies, Regional Economic Research Institute, Institute for Technological Innovation, Institute for Advances in Human Resources, Institute for Advances in Marketing, Institute for Conflict Resolution, Institute for Business and Professional Ethics, and the Lucas Institute for Real Estate Development and Finance.
- The CLI provides on-site staff space for individuals representing the Southwest Florida Library Network (SWFLN).

The CLI continues to work with local organizations, state agencies, and regional economic development centers to offer the use of its facilities to further the well being of the region. For more information, please contact the CLI at 239-225-4200, or visit us at http://cli.fgcu.edu.

John Scott Dailey Florida Institute of Government
The Institute of Government (IOG), located in the Office of Extended Programs and Renaissance Academy, is part of a statewide network of affiliates with the overall mission of increasing the effectiveness and quality of the public and private sector in Southwest Florida.

The IOG has developed a reputation for high-quality, reasonably priced training and development opportunities for the public and private sector. Training brochures are mailed bimonthly with a comprehensive listing of open-enrollment workshops. However, the majority of workshops provided are in-house, customized programs for specific organizations. The full year’s workshop schedule is available on the IOG website by title, trainer, date, location and cost.

IOG services are provided by trainers, consultants and faculty that combine a theoretical knowledge base with the practical application of concepts learned. All are highly qualified, respected, and experienced in their areas of expertise.

Additional services include technical assistance, program evaluation, needs assessments, and public opinion surveys. Recent projects include:
- Guests First Customer Service Program for the Lee Island Coast Visitor and Convention Bureau
- Staffing studies for two local governments.
- Telephone survey of registered voters in Collier County.
- Charlotte County Environmental Services Dept. process evaluation.
- Southwest Florida International Airport and FGCU customer service projects.
- Individualized professional coaching for professional and personal enhancement.
- Records management, strategic planning.
- Visioning.
- Goal setting.

The Institute of Government also offers certification programs in several areas including certified public manager, supervisory series, code enforcement, and non-profit series. For more information, please contact the Institute’s director at 239-590-7815 or visit our website at www.fgcu.edu/iog

Small Business Development Center
The Small Business Development Center (SBDC) is a non-profit organization. The SBDC is just one part of the Center for Leadership and Innovation, operated by Florida Gulf Coast University’s College of Business and the U.S. Small Business Administration. It serves to design and deliver a collection of programs directed toward strengthening the economy of Southwest Florida. Services include free one-to-one counseling, educational workshops, and support for the activities of the U.S. Small Business Administration. A free counseling service at the SBDC office is available to individuals who have questions or need assistance in starting or growing their businesses. Certified SBDC staff provide this counseling. For more information, please contact the SBDC at 239-225-4220 or visit our website at www.fgcu.edu/cob/sbdc.

Institute for Youth and Justice Studies
The mission of the Institute for Youth and Justice Studies is to further studies relating to policies and practices of youth development and juvenile justice. The Institute is cross disciplinary, incorporating the fields of criminal justice, public administration, social work, and education. The Institute provides a research setting conducive to the development and application of policies and practices relating to youth development and juvenile justice. The goals of the Institute include: to advance the theoretical and applied perspectives in the disciplines of youth development and juvenile justice; to solicit funding to facilitate research for FGCU faculty, students, and practitioners; to engage local, regional, and national experts from the various justice disciplines to provide practitioner and student education and training; to publish the results of collaborative research for purposes of scholarship, replication, and empirical analysis; and to establish sister center relationships with national and/or international institutes with similar missions and goals. For more information, please contact the IYJS at 239-590-7835, sobrien@fgcu.edu, or visit our website at http://cps.fgcu.edu/iysj/.

Southwest Florida Interdisciplinary Center for Positive Aging
The mission of the Southwest Florida Interdisciplinary Center for Positive Aging (CFPA) is to provide interdisciplinary education, training, research, and service within a university...
environment and in varied urban, rural, and reservation community environments. The Center will serve as the epicenter for interdisciplinary efforts to serve and provide for the varied needs of the growing population of older persons in Charlotte, Collier, Glades, Hendry, and Lee counties to enhance overall quality of life. The Center is housed at the Port Charlotte Cultural Center and serves as a learning lab for undergraduate and graduate students as well as faculty researchers. Recent CFPA projects include:

- Gulf Coast Pet Partners Program
- Community of Care Research
- Conferences and workshops for caregivers
- FGCU Recreation Therapy Club
- Wheelchair biking research center
- Behavioral intervention research and dissemination center
- Alzheimer’s disease and dementia services and research as a model community based program.

For more information, please contact the CFPA at 941-883-2425 or visit the website at www.fgcu.edu/cfpa

**Center for Environmental and Sustainability Education**

The Center for Environmental and Sustainability Education works toward the dream of a sustainable and peaceful Earth through scholarship, education, and action. The Center advances understanding and achievement of the goals of environmental and sustainability education through innovative educational research methods, emergent eco-pedagogies, and educational philosophy and practice based on ethics of care and sustainability. The Center seeks to elevate the environmental mission of Florida Gulf Coast University and serves the University community, the local community of the Western Everglades and Barrier Islands, and the wider community of scholars.

**Coastal Watershed Institute**

The mission of the Coastal Watershed Institute is to address regional concerns regarding the use and conservation of coastal watersheds by supporting undergraduate and graduate education in marine science and coastal watershed study; by focusing and coordinating university research on coastal environments and the conservation of natural resources; and by disseminating information to the citizens of Southwest Florida to engage and inform them about the health of coastal watersheds and related issues.

**The Whitaker Center for Science, Mathematics and Technology Education**

The Whitaker Center (WC) is a collaborative endeavor between the College of Arts and Sciences and the College of Education with a vision and mission focused on improving science, technology, engineering, and mathematics education at all levels (PreK through Post-secondary). The Whitaker Center aspires to: Enhance and foster innovation, interdisciplinary activities, and research in science, technology, engineering, and mathematics education by providing support to faculty in professional development and scholarly activity related to the Whitaker Center mission. Provide expertise in inquiry-based environments that engage students in meaningful science, technology, engineering, and mathematics experiences through support of model undergraduate research activities, specialized academic programs, and student organizations. Contribute to outreach activities in the local, regional, and national community that promote public interest and support of science, technology, engineering, and mathematics education. Support preK-12 educators in the pursuance of quality learner-centered science, technology, engineering, and math-
UNIVERSITY NOTICES

Americans with Disabilities Act
Florida Gulf Coast University endeavors to comply with all aspects of the Americans with Disabilities Act of 1990 as amended and the Federal Rehabilitation Act of 1973 as amended. This includes compliance in the provision of programs, services, and activities; in carrying out University policies, practices, and procedures; in the need for reasonable accommodations; the use of equally effective communications; the provision of transportation services; and accessibility of facilities and public accommodations at the central campus and external University sites.

The University assumes no responsibility for personal assistance necessary for independent living or for specialized medical care. As a result of limited health facilities and health care professionals on campus, students requiring personal health assistance should be prepared to bear the expense of this care through a general hospital or private physician/clinic of their choice.

Students should contact the Office of Adaptive Services and faculty, staff, vendors and visitors should contact the Office of Institutional Equity and Compliance for needed assistance and guidance or to report instances of perceived discrimination. Further, the cooperation and support of all faculty and staff members is necessary in order to implement and maintain the policy.

Anti-Drug Abuse Act
Students convicted of drug felonies may lose their eligibility for federal financial aid programs. The Omnibus Drug Initiative Act of 1988 gives courts the authority to suspend eligibility for federal student aid when sentencing an individual convicted of possession or distribution of a controlled substance. For a drug possession conviction, eligibility is suspended for one year for the first offense, two years for the second offense, and indefinitely for the third offense. For a drug sale conviction, eligibility is suspended two years for the first offense, and indefinitely for the second offense. Florida Gulf Coast University students convicted of drug felonies will also be subject to the student Code of Conduct.

Campus Environment
A unique attribute of our campus is the over 300 acres of wetland and upland preserves, home to a variety of wildlife — including turkeys, deer, alligators, hogs, bald eagles, indigo snakes, gopher tortoises, raccoons, opossums, and even an occasional panther or bear—some of which are listed by state and federal agencies as “endangered,” “threatened,” or “species of special concern.” All are wild animals and must not be fed or approached. Some animals have become accustomed to the presence of people and are attracted to waste receptacles, dumpsters, or food spilled or left uneaten. Please warn people not to approach wildlife and notify campus police if you observe wildlife approaching people. Also please observe all posted speed limits to minimize collisions with wildlife. Thank you for helping us keep our wildlife healthy and wild - and people safe!

Drug-Free Campus Policy
Federal legislation mandates every individual’s right to work and learn in a drug-free environment. Florida Gulf Coast University firmly supports this right in policy and practice. Information regarding university policy is available from the Office of the Dean of Students and the Office of Human Resources.

Non-Discrimination
Florida Gulf Coast University is formally committed to nondiscrimination on such grounds as noted in its policies, procedures and practices including gender equity in sports. All of us in the university community must be conscious of our responsibility to abide by the laws, regulations and principles of equality of opportunity. Further, as a community, we will work to ensure equity and fairness, for all students, faculty, staff, visitors and vendors. We are committed to these principles for we are convinced they are essential for a distinguished university. Questions regarding this policy statement or compliance with its provisions should be directed to the Office of Institutional Equity and Compliance at 239-590-7405. Outside Lee County: 800-590-3428.

Sexual Harassment Policy
The Florida Gulf Coast University Sexual Harassment Policy is for all students, faculty, staff, vendors, and visitors.

Sexual harassment undermines the integrity of the academic and work environment, and prevents its victims and their peers from achieving their full potential. All members of the university community are entitled to work and study in an atmosphere free from sexual overtures or innuendoes that are unsolicited and unwelcome. It is the particular responsibility of those members of the university community who hold positions of authority over others to avoid actions that are or can be considered sexually abusive or unprofessional.

It is expected that the deans, chairs, department heads, team leaders, directors and other supervisory staff will monitor and take corrective action whenever instances of sexual harassment are either observed or reported to them. While the decision regarding resolution normally remains within the unit, all allegations of sexual harassment are to be immediately reported to the Office of Institutional Equity and Compliance, which will monitor, provide advice, and take appropriate action as required by federal and state laws.

Student Right to Know/Campus Security
The Student Right to Know and Campus Security Act (1990) mandates that all postsecondary institutions are required to prepare, publish, and distribute certain information regarding campus crime and policies related to security. In addition to crime statistics for the past three years, the national legislation requires universities to make policies related to security issues public.

<table>
<thead>
<tr>
<th>Annual Report of Crime Statistics</th>
<th>Number of Offenses Reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offense</td>
<td>2004</td>
</tr>
<tr>
<td>Homicide Offenses</td>
<td>0</td>
</tr>
<tr>
<td>Manslaughter</td>
<td>0</td>
</tr>
<tr>
<td>Forcible Sex Offenses, Rape</td>
<td>1</td>
</tr>
<tr>
<td>Non-Forcible Sex Offenses, Rape</td>
<td>0</td>
</tr>
<tr>
<td>Robbery</td>
<td>0</td>
</tr>
<tr>
<td>Aggravated Assault</td>
<td>3(b)</td>
</tr>
<tr>
<td>Burglary/Breaking &amp; Entering</td>
<td>9</td>
</tr>
<tr>
<td>Larceny/Theft Offenses</td>
<td>41</td>
</tr>
<tr>
<td>Arson</td>
<td>0</td>
</tr>
<tr>
<td>Motor Vehicle Theft</td>
<td>0</td>
</tr>
<tr>
<td>Hate Crimes (by Prejudices)</td>
<td>0</td>
</tr>
<tr>
<td>Race</td>
<td>0</td>
</tr>
<tr>
<td>Gender</td>
<td>0</td>
</tr>
<tr>
<td>Religion</td>
<td>0</td>
</tr>
<tr>
<td>Sexual Orientation</td>
<td>0</td>
</tr>
<tr>
<td>Ethnicity</td>
<td>0</td>
</tr>
<tr>
<td>Disability</td>
<td>0</td>
</tr>
<tr>
<td>Number of Arrests – Select Offense</td>
<td></td>
</tr>
<tr>
<td>Offense</td>
<td>University Notices</td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>Liquor Law Violations</td>
<td>15 21 14</td>
</tr>
<tr>
<td>Drug Law Violations</td>
<td>3 3 5</td>
</tr>
<tr>
<td>Weapons Law Violations</td>
<td>0 1 0</td>
</tr>
</tbody>
</table>

Key

(b) Includes one Aggravated Stalking offense.
E-LEARNING AND TECHNOLOGY SUPPORT

The university is committed to using communication, broadcast, and instructional technologies to engage the minds and enhance the lives of the people of Southwest Florida; to graduating students who confidently use technology to compete successfully in the work market and to engage in lifelong learning; to supporting and improving the ways teaching and learning can occur; and to increasing access to higher education and quality public radio and television programming.

The university offers open computer learning areas, computer classrooms, interactive video classrooms, an executive videoconference room, multimedia classroom systems, and a network of academic web servers. In addition, faculty, staff, and students may checkout portable equipment for special purposes.

E-Learning

With a commitment to making higher education accessible to a range of qualified students with diverse scheduling needs, FGCU offers key courses and certain full-degree programs as distance learning options. This means that any student can participate in certain courses without having to come to campus, or by coming to campus for only selected class sessions. The degree requirements for certain programs can be met entirely without attending campus-based courses. Most of the distance learning courses are delivered via the Internet.

Programs of Study Available via Distance Learning include but are not limited to:

All of the upper division courses required to complete the:
• Bachelor of Science in Criminal Justice
• Bachelor of Science in Legal Studies
• Bachelor of Science in Health Science
• Bachelor of Science in Nursing (RN to BSN only)

All of the courses necessary to complete the:
• Master of Business Administration (MBA)
• Master of Public Administration (MPA)
• Master of Science in Health Science
• Master of Science in Geriatric Recreational Therapy
• Master of Science or Master in Education in Curriculum and Instruction with concentration in Educational Technology

Other credit and non-credit courses and programs are available full or in-part via distance learning. For additional information, refer to the college sections of this catalog.

Electronic Access From Home

A home computer with a modem, an Internet service account, and the software necessary to use the Internet to communicate and access information resources are fundamental to home access of FGCU electronic resources. If you do not have your own computer but you can count on using one with Internet access from your place of employment, a public or community college library, or some other source that is convenient, you might still be able to participate effectively.

Minimum Hardware and Browser Configurations:
• Windows XP or Mac OS X
• 256 MB RAM
• Modem (Dialup, Cable, or DSL to accommodate your Internet connection)
• Netscape 7.x or Internet Explorer 6.x web browser
• SVGA Color Monitor

Recommended Hardware and Browser Configurations:
• Windows XP or Vista, Mac OS X
• Pentium IV or latter CPU, Mac 1.66Ghz Intel Core Duo or higher
• 1024 MB RAM
• High speed Internet Connection (Broadband Internet access)
• Netscape 7.x or Internet Explorer 6.x web browser
• SVGA Color Monitor capable of supporting 800X600 resolution or better

Southern Regional Electronic Campus

FGCU is a member of the Southern Regional Education Board’s (SREB) electronic campus (SREC). Through the SREC, universities from 13 states list courses and programs that are available as distance learning options. This electronic catalog of distance learning opportunities may be accessed at http://www.electroniccampus.org

Accessing ANGEL

FGCU uses the ANGEL learning management system to provide course materials to students. Students whose instructors choose to incorporate this resource can reasonably expect to utilize electronic bulletin boards, email, chat, file sharing and online assessment tools.

To access your course navigate a web-browser to http://elearning.fgcu.edu or http://www.fgcu.edu then click the “ANGEL” link on the top right hand corner of the screen.

Obtaining Your ANGEL Login and Password

To login to ANGEL you will use your webmail (sometimes called Eagle mail) username and password. To get an ANGEL email account, you first need to activate your student account by going to: http://admin.fgcu.edu/IS/applications/students/activate.asp

Technology Support and Helpdesk

Students who find that they are having difficulty working with ANGEL are asked to contact the Academic & Event Technology (AET) Help Desk at 239-590-7100. Support staff are on hand to answer questions and troubleshoot issues Monday-Thursday from 8 am – 11 pm, Friday 8 am – 6 pm, and Saturday 8 am – 5 pm.

Students are also encouraged to access tutorials and documentation at http://elearning.fgcu.edu, or through ANGEL’s help files by clicking the “help” link located within the application.

Student Computer Labs

Technology support staff are located in the student computer labs (which are open approximately 90 hours a week) and can provide one-on-one assistance. Students also may schedule an appointment for software training and register for workshops that are offered periodically through the computer labs. Students can use computers in the open labs to:
• Send e-mail messages to professors and other students.
• Use word processing, prepare spreadsheets, or create databases.
• Complete course assignments.
• Conduct Internet-based information searches.
• Use multimedia coursework, such as simulated scientific experiments; or complete course projects that require the production of digitized media.

At FGCU teaching is improved through the design and use of instructional materials that permit students to access course assignments and materials electronically; hold electronic, out-of-class discussions; view live and taped video programs on large screens in classrooms; and access and view Internet-
based databases and graphics during classroom sessions.

**Student Email/Network Accounts**

Each student at Florida Gulf Coast University will be given an account for accessing FGCU computing resources. These resources include Gulfline, student email (EagleMail), network access, ANGEL, a personal web site, and access to secure online resources and databases provided by the FGCU library. Each of these requires a specific username and PIN or password.

- **Gulfline**: “Username” is the University Identification Number (UIN) which appears highlighted on the Eagle ID Card; PIN is provided at time of acceptance to the University or through the Office of Registration and Records. Gulfline can be accessed at http://gulfline.fgcu.edu

- **Student E-Mail and network access**: Students need to activate their student account in order to receive email, log on to ANGEL, and access the network. Students can activate their accounts at http://admin.fgcu.edu/IS/applications/studentaccts/activate.asp. During activation, students are assigned a username and the students can pick a password they would like to use. Important note: Faculty use the FGCU email addresses to contact students. Since this is frequently the means used to distribute information on accessing specific online courses, it is important for students to activate their student account ASAP after registering for their first class. For further information, please visit the Student E-Mail Homepage at http://eagle.fgcu.edu

- **ANGEL**: Can only be accessed AFTER activating a student account. Log on at http://elearning.fgcu.edu, using the same username and password used for e-mail and network access.

- **Library resources**: Students can access the Library online databases, which include many full-text journals, at http://library.fgcu.edu/OnlineResources/esources.htm. Accessing this from off-campus locations will require the 14-digit number on the Eagle ID cards (Library number).

**Minimum System Requirements**

Students who are asked to use ANGEL for their courses should have the following hardware and software.

- Operating system: Windows XP – or- Mac OS X
- RAM: 512 MB
- Internet Access: 56 K modem - or- cable/DSL
- Internet Browser: Internet Explorer 6 +, Firefox, Netscape 7 +, Safari, Mozilla 1.4 +
- ANGEL is not compatible with the AOL Browser

**User Skills and Support**

It is expected that each student will take some personal responsibility for developing the skills necessary to use basic computing applications.

The first step is to “know yourself.” Whether you are new to technology or are an experienced user, you will want to assess your FGCU survival skills and be certain that you have mastered those tasks that are needed in your role as a student. A self-assessment survey is available on the web at http://www.fgcu.edu/support/techskills.html. The survey takes only three to five minutes. Results include scores for each section and suggestions for advancing your computing skills. Student lab assistants are available at each of the university’s three public computing labs to answer questions. Call 239-590-7100 to make an appointment for personalized training. Tutorials on library technology, Microsoft Office products, web skills, and other areas of interest are available through the university’s home page (www.fgcu.edu).

**Definitions**

- **ANGEL**: A course management system used to provide course materials using any combination of electronic bulletin boards, email, chat, file sharing and online assessment tools.
- **EagleMail**: EagleMail is Florida Gulf Coast University’s student email system. For more information please see the EagleMail homepage: http://eagle.fgcu.edu
- **Gulfline**: “Username” used to access your Gulfline account is your University Identification Number. For additional information in using Gulfline contact the Office of the Registrar.
- **Library Number**: A 14 digit number located on the Eagle ID card. Student IDs are required to access some library information.
- **PIN**: A unique number created for each student. This is used as the student’s signature in Gulfline. It is used to access student email accounts. PIN numbers will only be provided to the student by mail or in person. PIN numbers will not be provided via telephone or email. Please contact the Office of the Registrar for additional information.
- **University Identification Number (UIN)**: The UIN is the Banner System Generated ID number which appears on the Eagle ID Card. This number will be bolded and highlighted in green.
- **Username**: Used to retrieve student email, log on to campus computers, and log on to ANGEL. It is the first part of a student’s email address, and can be looked up anytime using your University Identification Number (UIN) and PIN on the EagleMail website.
LIBRARY SERVICES

The mission of Library Services is to strengthen the intellectual environment of the academic community and to nurture lifelong learning among Florida residents.

General Information
The library maintains the following regularly scheduled hours.

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday - Thursday</td>
<td>7:30 a.m. - 11:00 p.m.</td>
</tr>
<tr>
<td>Friday</td>
<td>7:30 a.m. - 6:00 p.m.</td>
</tr>
<tr>
<td>Saturday</td>
<td>8:00 a.m. - 6:00 p.m.</td>
</tr>
<tr>
<td>Sunday</td>
<td>1:00 p.m. - 11:00 p.m.</td>
</tr>
</tbody>
</table>

Hours are adjusted for holidays and intersessions. Consult the library web site (http://library.fgcu.edu) for current information.

Library cards. The Eagle ID card serves as the library card. The card must be presented each time materials are checked out. It is the responsibility of the cardholder to report immediately the loss or theft of the Eagle ID.

Online access. The library provides remote access to a number of information resources that are restricted to users within the library or to the students, staff, and faculty of the university. The 14-digit number required for remote access is printed on the Eagle ID card.

The library web site (http://library.fgcu.edu) is a primary access point for all library services and resources. The web site accesses the catalogs of the State University System of Florida libraries, FGCU course reserve materials, electronic databases, interlibrary loan, research assistance, and links to other useful sites. A library staff directory, several request forms, and the latest information about library hours and services are available on the web site.

Access for persons with disabilities. Library staff will provide reasonable assistance to persons with disabilities on request. Please ask for assistance at the circulation desk. Patrons with disabilities may expect assistance on demand whenever practicable with services and resources including retrieval of library materials, interlibrary loan requests, access to course reserve materials, and using the open computer lab. Special arrangements may be needed for access to some services and resources, especially during evening and weekend hours. Services requiring special arrangements may include extensive reference assistance, copying of library materials (copying costs are paid by the patron), or retrieval of microform materials. Please call the circulation desk (239) 590-7610 or TTY (239) 590-7618 to arrange for these services.

Library Collections
FGCU collections include rich retrospective collections, new books, current journal subscriptions, media, and an extensive collection of electronic resources to serve the university and the community.

Circulation and Course Reserve
Students, staff, faculty, and community patrons may borrow library materials in the General Collection. Borrowing periods vary. Ask the library staff at the circulation desk for assistance in determining the borrowing period for a specific item. Most materials may be renewed at the circulation desk unless another patron has requested them.

Course reserve materials are made available to students on or off-campus through the library web site whenever practicable. Materials that are not suitable for distribution via the web site are available in the library at the circulation desk.

Interlibrary Loan
FGCU faculty, staff, and currently enrolled students are eligible to use Interlibrary Loan (ILL) to obtain materials not owned by the FGCU library. Students and faculty from other State University System institutions are also eligible for ILL service. Submit ILL requests electronically from the FGCU library web site. New books, rare books, reference materials, software, and audiovisual items are often difficult to borrow from other libraries. Additionally, some theses, dissertations, and genealogical materials are difficult to obtain. Please ask the Reference staff for help in identifying items or in finding alternatives.

Reference and Research Assistance
Librarians and library paraprofessionals provide reference and research consultation services when and where they are needed. Reference service is available in the library, by telephone at (239) 590-7630, via email message to libref@fgcu.edu or through the Ask a Reference Question form on the library’s web site. When more extensive consultation is desired, please make an appointment with one of the librarians.

Support for Distance Learners
Electronic course reserves, databases, indexing, and abstracting services, and many full-text journals are accessible by computer from off-campus locations. Distance learners may use the library web site to request books or photocopies of journal articles.

Students enrolled in FGCU distance learning classes who need materials from the FGCU Library collection should use the Request Forms for Distance Learning Students on the library web site (http://library.fgcu.edu). Most materials are mailed to distance learners at no charge. Students are responsible for return postage for books. For materials not owned by the library, FGCU distance learners may use Interlibrary Loan forms to obtain materials from other libraries.
STUDENT AFFAIRS

The mission of the Division of Student Affairs is to provide an intellectual, cultural, and social environment that maximizes student potential and enhances the educational efforts of the university. The purpose of Student Affairs is to develop programs and offer services that facilitate the student’s academic progress and social maturation; to assist in the empowerment of students through leadership development; to assess student needs; to assist students in understanding FGCU, its policies, procedures, and governance, and to encourage students to be responsibly involved; to provide programs which enhance the social and cultural environment through student activities and programs; to serve as an institutional resource with regard to information about students; to promote an environment appreciative of ethnic, religious, and cultural diversity; and to encourage a public spirit among students that works towards the common good of Florida Gulf Coast University, Southwest Florida, the state, and the world community.

Adaptive Services
http://www.fgcu.edu/adaptive
239-590-7966

Adaptive Services promotes opportunities for full participation in university academics, programs, activities, and services by students with disabilities, through the provision of reasonable accommodations, other support services and training. Disabilities as outlined by the Americans with Disabilities Act and the university may include learning, visual, hearing, speech, physical, and other disabilities. If requesting accommodations, the student must identify him or herself as having a disability, provide documentation, and consult with our staff with sufficient notice to coordinate appropriate services.

FGCU provides disability testing; contact the Office of Adaptive Services. Adaptive Services provides assistance in admission, registration, classroom accommodation, note taking, reader services, modified or extended test taking, sign language interpreters, campus housing, etc. The Adaptive Learning Lab offers individual study areas with special computer software and assistive technology.

Students seeking financial aid should contact the Financial Aid and Scholarships Office, and may find additional information on scholarships for students with disabilities in our office.

Campus Involvement
239-590-7739

The Department of Campus Involvement supports programs, which encourage a sense of community and concept of total student development. It is committed to providing an environment conducive to personal, cultural, social, ethical, civic, emotional, recreational, spiritual and organizational development.

Campus Involvement provides leadership development and experiences so students who become involved outside of the classroom can transfer their learned skills to their professional and community involvement after graduation. Students have the opportunity to create, plan, implement, and evaluate programs designed to meet the needs of fellow students.

Activities include concerts, dances, lectures, movies, hypnotists, field trips, comedians, etc. – provided to over 120 clubs and organizations on campus! These experiences provide sound leadership development and make for lasting friendships and memories. New ideas are always welcomed and encouraged to foster continual community building.

Campus Recreation
239-590-7935

The Department of Campus Recreation provides students, faculty, and staff opportunities to participate in a variety of recreational programs. Program areas within the Department include Aquatics, Group Fitness, Personal Training, Intramural Sports, Waterfront, and Outdoor Pursuits. Campus Recreation promotes a healthy lifestyle, interactive participation with friends and involvement in life long activities. All areas within Campus Recreation are open free of charge to all FGCU students, staff, and faculty with a valid ID.

Career Development Services
239-590-7946
http://studentservices.fgcu.edu/careers

Career Development Services assists students and alumni in preparing for and achieving their career goals. We offer individual advising on job search preparation as well as helpful resources in the Career Center and on our website. Job fairs, graduate school fairs, recruiter visits and other special events are scheduled throughout the year. We also offer a web-based job/internship listing system and resume database at www.collegecentral.com/fgcu.

College Reach Out Program
239-590-7834

The College Reach Out Program (CROP) was established in 1983 by the Florida Legislature to motivate and prepare first generation or, educationally disadvantaged, or low-income students in grades 6 through 12 to pursue and successfully complete a postsecondary education. Participants are students who otherwise would be unlikely to seek admission to community college, Military Service, state university, or independent postsecondary institution without special support and recruitment efforts. This program is of no cost to participants. Florida Gulf Coast University’s CROP program serves the five-county Southwest Florida area; Lee, Charlotte, Collier, Hendry and Glades. The program offers many opportunities, including but not limited to; College Exploration Days, Leadership Workshops, after school enrichment programs, SAT and ACT preparation classes, Cultural Field Trips, Financial Aid and Admissions workshops, Summer Residential and Institute programs for high and middle school students respectively, programs, and a three to six week Summer Institute. Participants gain knowledge in leadership, character building, life skills, study skills, test taking strategies, language arts, mathematics, reading, and essay writing.

Counseling and Psychological Services
239-590-7950

Counseling and Psychological Services (CAPS) provides individual and group counseling and therapy, consultation and referral, outreach, and skill development programs. CAPS services are free, confidential, and available to all students. The staff consists of the director and associate director, who are both Florida licensed psychologists, a part-time psychologist, full-time and part-time licensed mental health counselors and other part-time counseling professionals. CAPS psychologists and counselors adhere to the ethical standards established by professional associations, state licensing boards, and the national certification organizations. The Counselor-in-Residence program provides consultation and educational services for residential staff and students. A part-time psychiatrist provides services to students referred through CAPS. Appointments are encouraged and made by coming to the CAPS office in the Wellness Center.

Emergency on-call professional counselors are available 24 hours a day for mental health emergencies. For assistance after regular working hours contact the university police dis-
patcher at 239-590-1911.

Dean of Students Office

239-590-7900

The Dean of Students Office is concerned with the overall quality of student life at Florida Gulf Coast University for all undergraduate and graduate students. Students are encouraged to visit staff in the Dean’s Office to discuss ideas, personal issues, or general concerns about student life at Florida Gulf Coast University. The Dean of Students Office works directly with students to help solve problems and to assist in individual and group crisis management.

The Dean of Students Office staffs promote and value differences on individual, organizational, and community levels. Through structured and intentional leadership development opportunities such as workshops, retreats and meetings, we encourage students’ growth in character, acceptance of differences, decision making and overall leadership skills.

We develop programs that encourage student involvement. We formally recognize over 120 student organizations, ranging in scope from media, fraternities and sororities, performance groups, academic interest clubs, cultural, service organizations and the Student Government. We collaborate with academic partners and others to implement student-centered experiences and to further University learning outcomes inside and outside the classroom.

Staff in the Dean’s office assists students in developing, articulating, and disseminating University rules, regulations, and policies such as the Student Code of Conduct.

Eagle View Orientation

239-590-7957
orientation@fgcu.edu
http://enrollment.fgcu.edu/Orientation

Degree Seeking Undergraduates

All admitted undergraduate degree seeking students are required to attend Eagle View Orientation. During the orientation session individuals will have the opportunity to:

• Learn about academic requirements and policies
• Develop a class schedule with an academic advisor
• Register for classes
• Receive information on a variety of University services
• Receive a University I.D. card
• Visit the University Bookstore

Information regarding orientation dates and fees, what to bring, area accommodations, important pre-registration information, and how to make a reservation for Eagle View Orientation may be found on the Eagle View Orientation website.

Non-Degree Seeking Students

Individuals who have been admitted as non-degree seeking students may attend the general sessions of Eagle View Orientation on designated orientation dates. Academic Advising is arranged through the respective college. Information regarding orientation dates, reservation forms and orientation fees may be found on the Eagle View Orientation website.

High School Early Admission and Dual Enrollment

High school students who have been admitted to the FGCU Early Admission or Dual Enrollment program will attend a special orientation session on a date arranged by their academic advisor. A $35.00 orientation fee is required. Academic advisement is completed prior to orientation through the Office of First Year Advising. Reservations for orientation are made at that time.

Graduate Students

Individuals who have been accepted to a graduate program at FGCU may contact the Office of Graduate Admission for information about, and registration for, general graduate orientation. Please contact the respective college for specific program orientation requirements.

First Year Advising

239-590-7875
advising@fgcu.edu

The Office of First Year Advising provides academic advising to prospective first-time-in-college students, university freshmen, and high school dual enrollment and early admission program participants. The initial meeting with an academic advisor occurs at Eagle View Orientation. While timely application to the university will ensure that articulation of credits is completed prior to orientation, it is recommended that students bring an unofficial copy of all college transcripts showing accelerated credit including Advanced Placement to the orientation advising session.

Freshmen and First-Time-In-College.

Admitted students who have fewer than 12 transferable credit hours are required to meet with an academic counselor in the Office of First Year Advising at Eagle View Orientation. This initial advising session will introduce students to university and lower division requirements. A general education plan will be developed for each student, taking into consideration credits earned through accelerated mechanisms such as International Baccalaureate (IB), Advanced Placement (AP), and the College Level Examination Program (CLEP). When the student has successfully progressed to the sophomore year, he/she will be referred to the respective college advisor who will guide the student through the remainder of his/her graduation requirements.

Undeclared Freshmen who have not declared a major will be assigned a counselor in the Office of First Year Advising. Assistance in choosing a major will be offered through counseling and workshops.

Greek Life

239-590-7900
http://studentservices.fgcu.edu/GreekLife/

The Office of Greek Life (OGL) at Florida Gulf Coast University is committed to providing an environment in which research, learning, scholarship, and campus life can flourish and in which all endeavors are guided by academic and professional integrity. All members of the campus community – students, staff, faculty, and administrators – share the responsibility of ensuring that these standards are upheld so that such an environment exists. Essential campus functions include: publishing, drafting, and interpreting the policies and procedures of the Greek organizations, as well as serving as the liaison for fraternities and sororities and FGCU

Housing and Residence Life

239-590-1700
http://studentservices.fgcu.edu/Housing/

Living on campus truly adds to the college experience by putting students at the heart of the University community. FGCU’s contemporary, apartment-style residence halls called North Lake Village, provide privacy as well as the social and academic support system needed to succeed in college. On-campus living is enhanced by the Residence Life programs which are designed to help students meet interesting people, form lasting friendships, become involved in campus activities, and make the most of their college experience. Research shows that freshman who live on campus are not only likely
to return the following years, but that their academic gains are greater than students who do not live on campus.

The lakefront apartments consist of 4 single or 2 double bedrooms, with the majority being single-person bedrooms. Apartments include two bathrooms, a living room, and a kitchen complete with full size refrigerator, range, microwave oven, and dishwasher. Other furnishings include sofa, two arm chairs, end table and one height-adjustable bed (extra long twin), dresser, desk and desk chair per student. Amenities within the apartment include basic cable television and local phone service in the living room, and basic cable television and high-speed Internet access in each bedroom. Security panic alarms are located in the living room and in each bedroom.

North Lake Village also offers numerous recreational resources to residents including a screened-in swimming pool, community center with large-screen TV, Playstation 2, Bose sound system and more, game room with pool table, ping pong table and foos ball, beach volleyball court, gas grills, lakefront beach recreation and picnic areas with access to water sports. North Lake Village is just a few minutes from the Student Union, University Fitness Center, Alico Arena, Aquatics Center, and Tennis Courts.

The Office of Housing & Residence Life professional live-in staff has responsibilities for offering students activities and services that enhance students’ transition to college and their academic achievements. Support services are available to assist residents with any type of question or concern including, but not limited to facilities issues, roommate relationships, personal issues, and access to other resources on campus. Staff provide on-call services 24 hours a day, 7 days a week. The Office of Housing & Residence Life works closely with other University programs and services to support a productive, active and successful college experience for all residents.

The Multicultural Student Development Office purpose is to "Assist the University in the fulfillment of its mission by encouraging each people and culture to assertively affirm the unique richness of their heritage." Through the efforts of the office, we strive to provide a place where students of color and students of culture can find support on campus and their experiences can be explored and celebrated. The office provides leadership, guidance, and resources to Multicultural, Disabled, and Cultural Greek Organizations at Florida Gulf Coast University. These efforts are shown through programs that support recruitment and retention, heritage month celebrations, brown bag discussions, leadership development, LGBT support, Gender Awareness Projects, and diversity education opportunities.

Prevention and Wellness Services 239-590-7733

Prevention and Wellness Services (PWS) is dedicated to improving the well being of FGCU students. Among the issues addressed by PWS are alcohol and drug education, preventing and responding to relationship violence and sexual assault, nutrition and fitness, sexual health, adjustment issues, eating disorders, and stress management. Professional staff and trained Peers CARE (Counseling, Advocacy, and Real-world Education) staff provide health screenings, educational programs, and campus wellness events. PWS is also happy to talk with students individually during office hours. At either of our offices (Wellness 102 on Main campus or Eagles Landing 102/Housing) students can come to talk with a staff member about health concerns, pick up educational information, view a video or DVD, or use an online or CD-ROM health education program. Students seeking leadership opportunities in the health field should contact PWS about joining Peers CARE.

Public Schools Enrichment Partnership 239-590-7939 http://scholarsclub.fgcu.edu

Public Schools Enrichment Partnership (PSEP)/Scholars Club is a community supported “Center of Excellence” for public and private schools’ collaboration and research at Florida Gulf Coast University. It is charged with creating and supporting attainment of a culture of success among minority and “at-risk” students, grades K-16. More specifically, PSEP is charged with creating a peer culture of success among at-risk, minority and multicultural students by promoting and supporting academic, leadership, and service excellence. Innovative co-curricular and enhancement school programs are designed to facilitate a process of seamless recruitment of “at-risk” students into postsecondary education institutions.

PSEP’s mission and objectives are accomplished through Scholars Club and College for-a-Day programs. Both programs emphasize early intervention, continuous individual and family support, and integrated programming. Scholars Club, a 18-year-old organization with elementary, middle, and high school chapters in Desoto, Collier, Lee and Charlotte counties. In January of 2003, the first college Scholars Club Chapter was inaugurated at Florida Gulf Coast University. PSEP/Scholars Club challenges students to excel not only academically but also in terms of leadership and service. Scholars Club participants are invited to attend special events and are eligible for FGCU and community-funded scholarships. Through College-For-A-Day, elementary, middle, and high school students from the four county area schools are invited to spend a day at the FGCU campus. The university’s faculty and staff maintain contact with participating students through various Scholars Club and PSEP activities.

Student Government (SG)

The Student Government (SG) provides students with opportunities to develop their leadership skills and abilities. One of the primary roles of SG is to be the “voice” of students. In this capacity, the SG facilitates the flow of information among the student body, faculty, staff, and administration. The SG provides a mechanism for addressing student concerns and provides opportunities to communicate suggestions that may enhance the student experience at FGCU. Another major role of the SG relates to the allocation of Activity and Service Fee (A&S) funds. The A&S fee is generated through a per credit hour fee that is assessed to each student. The SG has the responsibility for developing a budget and allocating monies that fall within the purview of the SG.

Student Health Services

Student Health Services is committed to ensuring that students are provided timely information and education so they can better care for themselves. Advanced registered nurse practitioners, physicians and registered nurses provide a variety of services including initial assessment, basic medical care, gynecological services, education and health awareness programs, and referrals to specialists and other providers. Student Health Services evaluates and documents the medical and immunization records needed for registration.
The university offers all enrolled students the opportunity to purchase health insurance. Health insurance coverage is strongly recommended for all students whether offered through the university or from another source. Please call 239-590-7966 for information about health services.

**Student Judicial Affairs**
239-590-7904  
http://studentservices.fgcu.edu/JudicialAffairs/  
The Office of Student Judicial Affairs and Greek Life (OSJA) at Florida Gulf Coast University is committed to providing an environment in which research, learning, scholarship and campus life can flourish and in which all endeavors are guided by academic and professional integrity. All members of the campus community – students, staff, faculty, and administrators – share the responsibility of ensuring that these standards are upheld so that such an environment exists. Essential campus functions include: publishing, enforcing, drafting and interpreting the Student Code of Conduct and This office also administers the student disciplinary system and Student Judicial Affairs ensures just and prompt resolutions of student misconduct, while promoting ethical growth and development of students involved through educational outreach.

**Student Support Services and Outreach**
239-590-7834  
The Office of Student Support Services (SSS) is a Title IV, equal-opportunity program funded by the U.S. Department of Education. The SSS program at Florida Gulf Coast University is a selective program for students who are first-generation low income, and/or a student with disabilities in college, that enhances the overall college experience and assists them in being successful through services at no cost to program participants. However, SSS offers more: it is a resource that ensures our students are achieving at their highest level. SSS is a support system as well as an advocate for students. The program offers cultural exposure and field trips, academic counseling, workshops and program to enhance the overall college experience. Its mission is to see every student not only attend the university, but also to graduate and go on to post-baccalaureate studies.

**Testing and Assessment**
www.fgcu.edu  
239-590-7955  
Academic testing, career inventories, and personality assessments are available by appointment only. Career inventories and personality assessments are done upon referral from a faculty or staff member, usually through the Counseling and Psychological Services or Career Offices. Students requiring specific test accommodations (such as extended time, isolated testing room, a reader, etc.) are asked to first contact the Office of Adaptive Services at 239-590-7956, for review of required medical documentation. Medical documentation will need to be approved, then the student will be referred to the Testing Center for scheduling with recommendations for accommodations. Please allow 4-6 weeks prior to the test date for processing.

The Testing Center provides the following tests and inventories: CLAST (College-Level Academic Skills Test); CAT CLAST (computerized CLAST); FCE/LPT (Florida College Entry Level Placement Test, also known as CPT) administered through Accuplacer; FTCE (Florida Teacher Certification Exam); FTCE Computer-based test (including General Knowledge Exam); MAT (Miller Analogy computer based Test); ACT; MBTI (Myers-Briggs Type Indicator); CISS (Campbell Interest and Skills Survey); and CLEP. The Testing Center also services those students taking Distance Learning exams and correspondence exams. All testing services have an accompanying fee. Please call 590-7955 for further information.

Test prep courses are available for the following graduate school entrance exams: GRE and GMAT. The GRE and GMAT review courses are twelve (12) weeks in duration and have start dates in late August and early January. Check with your program or the Graduate Admissions Office to be certain what test is accepted and what test score is required for the specific degree you are seeking.

Detailed information regarding tests, inventories, and review courses can be found through the FGCU Testing website: studentservices.fgcu.edu/testing or from the FGCU home page.
UNDERGRADUATE ADMISSION

Florida Gulf Coast University encourages applications from all qualified applicants regardless of race, sex, religion, culture, age, disability, or ethnic background. The Office of Admissions provides prospective students, parents, and other interested individuals with admission counseling, presentations, tours, and informational workshops. All credentials and documents submitted during the enrollment process become the property of FGCU and will not be returned to the applicant or forwarded to another institution, agency, or person. Furnishing any false or fraudulent statements or information in connection with the admission or enrollment process may result in disciplinary action, denial of admission, and invalidation of credits or degrees earned.

Admission to the University does not guarantee admission to programs designated as limited access, teacher certification, or other programs that have application criteria beyond the minimum criteria for admission to the University. Current limited access programs are nursing, athletic training, human performance, professional golf management and music. Please see program descriptions for additional admission requirements and application deadlines.

Campus Tours. Student-guided campus tours are available to all interested individuals. Tours leave from the Margaret S. Sudgen Welcome Center and last about ninety minutes. Reservations must be made at least 48 hours in advance. Group tours or special requests can be accommodated. Call 239-590-7878 or toll free 1-888-889-1095 or visit www.fgcu.edu/info/campustour.asp to schedule a guided campus tour.

Applying for Admission

Applicants should check the University Web site www.fgcu.edu for the latest information regarding the application process. Applicants are encouraged to apply on-line by visiting http://enrollment.fgcu.edu/admissions/apply.htm. You may also download a “paper” application at this site. The application is available at the Welcome Center and can be requested at www.fgcu.edu/undergradinfo/ or by calling 239-590-7878 or toll free 1-888-889-1095. Applications are generally available from high school guidance counselors and community college advisors. Applicants may also apply on-line at www.facts.org.

Application fees for Undergraduate and Non-degree seeking students are required and non-refundable. Prospective students can pay the fee online with the use of a credit card when completing the online application, they can submit a check or money order with the paper application or separately after submitting a FACTS application, or they can pay in person at the cashier’s office. Checks can be dropped off at the Undergraduate Admissions office when the cashier’s office is not open.

The application fee is a one time payment provided the student is admitted and matriculates within one year (counted as semester of admission plus the following two semesters). If the student fails to complete the application, is denied admission or once admitted does not matriculate within this time period a new application and fee are required.

Students returning to FGCU after a period of non-enrollment (one year) either as degree seeking or non-degree seeking FGCU alumni returning to FGCU, non-degree seeking students submitting a degree seeking application do not have to submit the application fee.

Application fees will be waived in the following situations:
- When students submit a Request for Waiver of College Application Fee from the SAT or ACT Program Fee-Waiver Service. These forms are obtained from the High School Counselors.
- For students in financial distress as evidenced by documentation received from an official government services agency, or from the University Financial aid office. Letters of request from the students high school counselors on their own will normally not be sufficient to waive the fee. All such requests are to be reviewed by the Associate Director of Admissions Operations.
- For special programs initiated by the University that are designed to help specific groups of students who would otherwise not be able to attend university. Request to waive the application fees for students in these programs should be made to the Director of Admissions well in advance of the program start.

Official transcripts and test scores, if applicable, are required of applicants seeking formal admission to FGCU. It is the applicant’s responsibility to have the required documentation forwarded to the FGCU Office of Admissions in order for the application to be processed. Transcripts and test scores, if applicable, must be submitted by the same deadline as applications specified in Application Deadline section, below.

Mail all materials and fees (except the on-line application) to: Florida Gulf Coast University, Office of Admissions, 10501 FGCU Blvd South, Fort Myers, FL 33965-6565. Official test scores (ACT or SAT), a high school transcript, and transcripts of all previously attended colleges and universities should be sent to the same address.

Application Deadlines for U.S. Residents

Applicants are encouraged to apply as early as possible—up to twelve months before the requested entry date. Application deadlines are listed on the admissions website: www.fgcu.edu/admissions.asp. Applicants still enrolled in high school at the time of the application should submit a high school transcript showing at least six semesters of course work. A final high school transcript will be required following high school graduation.

For transfer students, if courses are still “In Progress” at the time of the initial application, then a final transcript showing grades for all course work and any degree conferred should be submitted as soon as possible after completing the work. Applications received after these deadlines will be processed on a space-available basis. International (non-US) students should refer to the section on International Admissions (below) for appropriate deadlines.

Early Admission and Dual Enrollment

FGCU has several full-time early admission agreements with local school boards and private high schools for students who have completed all the requirements for their junior year in high school.

In addition, the University offers dual enrollment opportunities whereby academically talented students receive permission from the high school to take one or more college courses while taking the majority of coursework at the high school.

Criteria for Early Admission and Dual Enrollment:
- Demonstrated exceptional academic ability and college readiness;
- Achieved a minimum SAT score of 1100 (CR+M) or a minimum ACT score of 23 and a minimum recalculated GPA of 3.3;
- Enrolled in a strong college preparatory curriculum; and

Undergraduate Admission
Applicants must submit an application for admission, official high school transcript, and official ACT or SAT test score. In addition an FGCU Early Admission / Dual Enrollment Authorization Form must be completed by the high school, signed by the student’s parent or guardian, and submitted with the application for admission. Eligibility criteria are established by written agreement between each school district and the University and are subject to revision. Forms and information are available at the Web Site http://enrollment.fgcu.edu/admissions/early.htm and you may contact the Office of Admissions for additional information.

**FGCU Collegiate High School**

www.fgcu.edu/chs

FGCU Collegiate High School is a unique early admission program. This program allows students to simultaneously work toward a degree at FGCU while also completing their high school graduation requirements. This rigorous, special-access program is geared to highly motivated and exceptionally qualified 11th and 12th grade high school students. For more information, visit the CHS web site at www.fgcu.edu/chs/.

**First-Time-in-College**

A first-time-in-college (FTIC) student must be a graduate of an accredited high school and have completed 18 Carnegie units which are year-long courses and not remedial in nature. FGCU recalculates the student’s high school grade point average using grades in the following: 4 units of English (at least three with substantial writing); 3 units of mathematics at the level of algebra I or higher (algebra A, B is equivalent to one unit of algebra I); 3 units of natural science (at least two with a laboratory); 3 units of social science (includes history, political science, economics, psychology, and sociology); 2 units of the same sequential foreign language; and 3 academic electives. One point will be added for credits earned in Advanced Placement (AP), International Baccalaureate (IB) and Advanced International Certificate of Education (AICE) courses for grades of D or higher. One half unit will be added for honors and dual enrollment courses for grades of D or higher.

Appropriate academic and elective courses are listed in the Counseling for Future Education Handbook published by the Florida Department of Education. Initial application review is based on high school grade point average in the academic units and performance on one standardized admission test. Acceptable tests include the SAT, SAT-I, ACT, or the E-ACT. Students who graduate from high school in 2006 or later must submit the new SAT with the writing test or an ACT with the Math sub-scores only.

**Lower Division Transfer**

Students who are lower division transfer applicants (those with fewer than 60 semester hours of transferable credit as determined by the Office of Admissions) must meet all requirements of incoming first-time-in-college applicants as described in that section. These students must also have a minimum cumulative 2.0 grade point average (on a 4.0 scale) in all previous college work and be eligible to return as a de-
gree-seekig student in good standing (with at least a 2.0 GPA) to the last institution attended.

**Upper Division Transfer**

Students with at least 60 semester hours of transferable credit (as determined by the Office of Admissions) are not required to submit test scores for admission to the University but test scores may be required for admission to a specific limited access program. If the student’s grade point average is at least 2.0 on previous coursework and the applicant is in good standing at the last institution attended, the applicant is admissible to FGCU. Transfer students must submit the application to the University as well as an official transcript from every postsecondary institution attended.

All applicants who completed two years of the same foreign language or two years of American Sign Language in high school must submit the high school transcript as well in order to have these credits fulfill the foreign language requirement.

**Transfer with Florida AA Degree**

Admission of Associate of Arts (AA) degree graduates from Florida public community colleges and state universities will be governed by the Articulation Agreement between the state universities and public community colleges of Florida, as approved by the State Board of Education. The agreement states that, except for limited access programs, admission as a junior to the upper division of the University shall be granted to any graduate of a state-approved Florida community college or State University System institution who transfers directly to FGCU, who has completed the university parallel program, and who has received the Associate of Arts degree which included all of the following:

- At least 60 semester hours of academic work exclusive of occupational courses and basic required physical education courses.
- An approved general education program of at least 36 semester hours.
- A grade point average of at least 2.0 on a 4.0 system for all college-level academic courses attempted.

Any student admitted without two years of one foreign language in high school or the equivalent (minimum 8 semester hours) of such instruction at the postsecondary level must satisfy the admission requirement prior to graduation.

Florida Community College or state university Associate of Arts graduates are guaranteed the following rights under the Statewide Articulation Agreement (State Board of Education Rule 6A-10.024):

- Admission to one of the ten state universities, except to “limited access” programs (programs that have additional admission requirements).
- Acceptance of at least 60 credit hours by the state universities toward the baccalaureate degree.
- Transfer of equivalent courses under the Statewide Course Numbering System.
- Acceptance by the state universities of credit earned in accelerated programs (e.g., CLEP, AP, PEP, Dual Enrollment, Early Admission, AICE, and IB).
- No additional general education core requirements.

Transfer students must submit an application for admission to the University and official transcripts from every postsecondary institution attended.

**Student Tuition Waivers**

The Office of Admissions is charged with the responsibility of administering the Tuition Waiver Program. Florida Gulf Coast University uses state-granted budget authority to establish programs to waive all or part of the tuition for certain types of students. Waivers are awarded based on the University’s established key selection criteria of recruitment, retention, diversity and service. Students awarded waivers will possess academic talent or other traits that would serve to diversify and enhance the environment of the University community. Additional information and applications for these programs may be obtained at the www.enrollment.fgcu.edu/admissions/Waiver.htm.

**Former Student Returning**

A former student returning is any former FGCU degree-seeking undergraduate student who has not earned a degree, who has not been enrolled at FGCU in any of the last three terms, and who wishes to re-enroll. The former student submits a new admission application by the appropriate application deadline. A new application fee is not required. To be re-admitted, a student must (a) be in good standing and eligible to return to the last institution attended, including FGCU; and (b) have achieved a grade point average of at least 2.0 on a 4.0 scale on all college-level academic courses attempted.

**International Student Admission**

FGCU is authorized under Federal law to enroll non-immigrant students. Applicants are classified as international if they are not United States citizens, dual citizens, or permanent residents, and if they are applying for an F-1 student visa or a J-1 Exchange Visitor visa (Exchange visitors are classified as either scholar or student). International students must meet admission criteria for the program to which they apply, as well as the following:

- International students must have all credentials and admission information submitted to the Office of Admissions prior to the published deadline for international students.
- Josef Silny & Associates, Incorporated, World Education Services, or AACRAO must evaluate credits from institutions outside the U.S. A course-by-course evaluation is required. The applicant pays for this service and contacts the evaluating agency directly.
- International students currently attending any institution in the United States must submit a visa clearance form from their current school designating Florida Gulf Coast University as their transfer institution and confirming their status as an F-1 visa holder.
- Applicants must demonstrate English proficiency in accordance with University policy, and will be required to submit acceptable TOEFL (Test of English as a Foreign Language) scores unless the country of origin uses English as the official language. A minimum score of 213 is required on the computerized TOEFL, 79 on the internet based TOEFL, and 550 on the paper based TOEFL. Some programs, including the MS in Health Science, require a TOEFL score greater than the minimum (see program requirements). With the approval of the Director of Admissions and the appropriate dean, applicants may furnish satisfactory evidence of English competency in lieu of the TOEFL. Examples of satisfactory evidence include, but are not limited to, completion of the IELTS (International English Language Testing System, www.ielts.org) with a minimum score of 6.5, completion of ENC 1101 and ENC 1102 (or equivalent) with a grade of C or higher; and/or receipt of an Associate of Arts (AA) degree from a Florida public institution. For information on the TOEFL, contact TOEFL, Educational Testing Service, Princeton, NJ 08541, USA. (http://www.toefl.org). The University’s institutional code for the transmittal of the TOEFL is #5125.
- The applicant must file a Confidential Financial Statement confirming availability of specific funds to finance the first year of study before the University issues the appropriate
papers for obtaining a visa.

• The J-1 student’s Confidential Financial Statement must document that the student is directly or indirectly financed by the US government, the government of their home country, an international organization of which the US is a member (by treaty or statute) or if they are substantially supported by funding from any source other than personal or family funds.

Prior to registering for classes, admitted students must submit proof of health and accident insurance to meet mandatory requirements. The University reserves the right to refuse registration to any international student who fails to comply with this insurance requirement or is unable to supply satisfactory proof of insurance. The University also reserves the right to withdraw from classes any international student who fails to maintain insurance coverage or avoids in any way the responsibility to comply with the insurance requirement.

International students are subject to the same University policies and procedures that apply to all students, such as admission, enrollment, immunization, etc. Additionally, international students must comply with all U.S. Immigration regulations, which may determine the student’s eligibility for enrollment, residency status, limitations on credit hours or semesters of study, and length of presence in the U.S.

Academic Amnesty
An undergraduate student may petition the Admissions Appeals Committee to declare academic amnesty. Under this policy, all college-level work (grades and credit) that is at least five calendar years old will be disregarded for admission decisions to the University. When filing for academic amnesty, students follow the regular transfer admission procedures. The application must include a written request for academic amnesty, a statement detailing why amnesty is requested, and documentation supporting the request. Students may not petition for academic amnesty after being accepted to the University.

If academic amnesty is approved for a former FGCU student, that student’s grade point average will be re-calculated based solely on coursework taken after amnesty is granted. Former FGCU students should note that all previous coursework completed at FGCU or accepted as transfer credit by FGCU before amnesty is granted, will appear on a student’s official academic transcript, but will not count towards degree completion.

Transfer students who have been granted amnesty should note that FGCU would retain a permanent record of all previous college-level work. However, the information will not be entered on the official transcript, will not be used in calculating the grade point average, and will not be considered when certifying completion of degree requirements. A statement will appear on the official transcript indicating that amnesty has been applied.

Students with Disabilities
A student who is requesting special consideration for admission due to a disability must provide appropriate documentation (less than three years old) that supports the ability to succeed at the university level. The Admissions Appeals Committee will review this petition for admission. The admission decision will be made on an individual basis from documentation provided by the student. If an admission test score is required for the specific category of undergraduate admission, the test score will not be waived.

Appealing Admission Decisions
Applicants receiving an admissions denial in the mail may appeal the decision to the Admissions Appeal Committee by sending a written request to their admissions officer. Applicants who do not meet the minimum admission standards or who have been denied admission may submit an appeal along with the admission application or make an appeal after the initial denial.

Applicants should submit letters of recommendation, additional test scores, or personal statements/essays. These documents will be helpful to the Admissions Appeals Committee as exceptions to admission criteria are considered. If an applicant is a Florida resident and was denied admission to an undergraduate program only because the minimum high school grade point average requirement was not met, he/she may request that his/her high school grade point average be recalculated using up to three credits of state approved electives. If students are admitted to the University yet denied admission to a limited access program, an appeal should be made to the specific program appeals committee.

Deferring Admission
Students who do not enroll the semester they have been admitted may defer admission to a future semester by writing to the Office of Admissions and submitting a request for deferral of admissions form. Admission in the new term is not automatic, and an applicant requesting a new entry date must meet the admission requirements in effect for the new term. Entry dates for some programs are limited to specified terms. If a student attends another collegiate institution in the interim, an official transcript of all work attempted is required. A new application and application fee are required when deferring admission to a term beginning more than two semesters after the original admission term.

Transfer of Coursework
The Office of Admissions is responsible for receiving and evaluating transfer credit. The office evaluates the acceptability of total credits transferable to FGCU and identifies total credits accepted at the lower division (1000 and 2000 level courses). The college of the student’s major assigns equivalent upper division (3000 and 4000 level) courses and graduate (5000 and 6000 level) courses in determining which courses are applicable toward specific degrees. The University reserves the right to evaluate transfer courses on an individual basis. Age and concordance of content to current requirements may be factors in determining course transfer and acceptance toward degrees; individual colleges and programs have the authority to establish age standards for acceptance of transfer courses.

FGCU evaluates transfer coursework taken at another college or university, if that institution is accredited, or in candidacy for accreditation, by one of the following regional accrediting associations:

• New England Association of Schools and Colleges, Inc./Commission on Institutions of Higher Education
• Middle States Association of Colleges and Secondary Schools
• North Central Association of Colleges and Schools
• Northwest Association of Schools and Colleges
• Southern Association of Colleges and Schools/Commission on Colleges
• Western Association of Schools and Colleges/Accrediting Commission for Senior Colleges and Universities and Accrediting Commission for Community and Junior Colleges.

General guidelines for awarding transfer credit:

• Credit is not given for technical, vocational, physical edu-
cation, or pre-college courses, or for courses completed below a grade of D.

- Credit by departmental examination from another institution will be evaluated on a case-by-case basis. Credits awarded by another institution solely on the basis of SAT or ACT scores will not be accepted by FGCU.
- Courses with a transfer grade of C or below may not be used toward completion of Gordon Rule requirements (FAC 6A-10.030).
- An equivalent FGCU course number will be entered on the student’s official academic transcript.
- Transfer credits will not be computed into a student’s FGCU grade point average.
- Accreditation status and evaluation of credits from an institution outside of the United States must be made by either Josef Silny & Associates, Inc., World Education Services, Inc., or AACRAO with associated costs to be paid by the student. Students may obtain information on these services from the Office of Admissions.
- All transfer credit evaluations are completed after admission to the University and prior to the student’s orientation. Only official transcripts will be articulated.
- Transfer students from non-regionally accredited Florida institutions that follow the state common course numbering system may have a limited number of courses articulated. Contact the Office of Admissions for details.

Second Baccalaureate Degree
Graduates from regionally accredited four-year U.S. institutions may apply for admission to work toward a second undergraduate degree. The first baccalaureate degree satisfies the general education and Gordon Rule requirements and provides exemption from the foreign language requirement for admission. Second baccalaureate degree applicants should submit all transcripts and an undergraduate application for acceptance into the University. Admission test scores are not required by the University, but may be required by a limited access program. Admission to a limited access program is not guaranteed.

Foreign Language Admission Requirement
All admitted undergraduate students must satisfy the state-wide foreign language admission requirement or meet exemption criteria. Applicants whose native language is not English must also satisfy this requirement, but may do so with appropriate course work in their native language.

First-time-in-college students and lower level transfer students must complete 8 semester hours of the same foreign language or American Sign Language at the collegiate level or complete two sequential units of the same foreign language in high school. Lower level students, except those exempt from the foreign language requirement, must satisfy the foreign language requirement prior to admission to the upper division.

Upper division transfer students, including AA degree holders from Florida public community colleges or SUS institutions who do not have 8 semester hours of the same foreign language or American Sign Language at the collegiate level or who have not completed two sequential units of the same foreign language in high school must satisfy the foreign language requirement prior to graduation from FGCU, unless exempt from the requirement. Some limited access programs require that the foreign language admission criteria be met before admission to the program is secured. See program descriptions for this specific information.

Exemption criteria. A student may be exempt from the state university foreign language requirement if one of the following criteria is met:

- Received an Associate of Arts degree from a Florida public community college prior to September 1, 1989; or
- Enrolled in an Associate of Arts program at Florida public community colleges prior to August 1989 and maintained continuous enrollment until admission to and enrollment in FGCU; or
- Has a baccalaureate degree from a regionally accredited college or university; or
- Can demonstrate equivalent foreign language competence through credit awarded on the basis of scores on the foreign language subject matter examinations in the College Level Examination Program (CLEP), which must be equivalent to 8 semester hours of college-level work. Acceptable scores for awarding CLEP credit can be found in the Transferring Credit section of this catalog. A minimum score of 443 on the MAPS College Board Latin examination to demonstrate proficiency in a foreign language is also acceptable.

Degree Acceleration Programs
College credits earned by high school or college students on the basis of the College Board’s Advanced Placement Program (AP), College Level Examination Program (CLEP), Advanced International Certificate of Education Program (AICE), or the International Baccalaureate Program (IB) will be accepted. Credit received from one exam program may not be duplicated by another, nor duplicated through dual enrollment credit. A maximum of 45 semester hours of AP, CLEP, AICE, IB, correspondence, and military service education credits can be applied toward a degree. For students with more than 45 applicable credits, AP, AICE and IB credits will be transferred before evaluating other credits. AP, IB, and CLEP information regarding courses/areas for which FGCU credit may be assigned is subject to change. Students should consult their academic advisors for up-to-date information.

Advanced Placement Program (AP). Students must submit an official Advanced Placement transcript from The College Board as evidence of completion of a college-level course taken in high school. If the examination results meet the requirements listed in the table that follows, the student may be given University credit. The courses listed indicate the FGCU course equivalency that will appear on the student’s FGCU transcript. AP equivalence will count toward Gordon Rule requirements if the equivalent course fulfills the Gordon Rule requirement. AP credit will appear on the student’s permanent record. See the table at the end of this section.

College Level Examination Program (CLEP). Students must submit an official transcript from The College Board for scores to be considered for credit. CLEP examination scores must meet the minimum standards established by the State University System and FGCU. CLEP credit will appear on the student’s permanent record. CLEP writing and mathematics credit will count toward Gordon Rule requirements if the equivalent FGCU course fulfills the Gordon Rule requirement. CLEP credit does not factor into the GPA because because a grade is not associated with CLEP credit. However, CLEP credit awarded for ENC 1101 (English Composition I) and for math courses is considered as a grade of “C” for the purpose of CLAST exemption. The requirements for receiving credit by CLEP examination are listed in the table at the end of this section.

International Baccalaureate Program (IB). Students with an IB diploma will be awarded up to 30 semester hours of credit in FGCU courses for scores of four (4) or higher on IB exams, in accordance with the equivalency table (page 36). (FAC 6A-10.024) An IB equivalence will count toward Gordon Rule
requirements if the equivalent course fulfills the Gordon Rule requirement. See the table at the end of this section.

Advanced International Certificate of Education Program (AICE). Like the International Baccalaureate program, the AICE program is an international curriculum and examination program modeled on the British pre-college curriculum and “A-Level” exams. For more information on AICE, visit www.cie.org.uk and click on “Qualifications and Awards”.

Military Service. Official credentials from military service schools will be evaluated on the basis of American Council on Education (ACE) recommendations. Credit may be granted when courses are equivalent to those offered by FGCU; however, recommendations by the ACE are not binding upon the University.

Credit by Examination. FGCU colleges and departments may offer examinations for academic credit to undergraduate students upon request. Interested students should consult with the colleges or departments concerning the availability of examinations.

Articulation Agreements. Articulation agreements between FGCU and several Florida public community colleges allow students with Associate of Science (AS) degrees in some areas to enter FGCU with upper level status. Contact college advisors for additional information.

Immunization Requirement
As a prerequisite to registration as a degree-seeking or non-degree-seeking student, the State University System of Florida requires all students born after December 31, 1956, to present documented proof of immunity to measles (Rubella) and Rubella. Prior to initial registration, each student must submit a completed FGCU Immunization History Form to Student Health Services. Students are strongly urged to complete this requirement before attending Orientation.

The following are acceptable proofs of immunization:
• Proof of two vaccinations (doses) of measles received at least 28 days apart and one vaccination of rubella, after 12 months of age. Measles vaccinations must have been received in 1968 or later and Rubella vaccination in 1969 or later; or
• Proof of immunity by way of a blood test result (titer); or
• A written, dated statement signed by a qualified health care provider on office letterhead that specifies the date seen and states that the student has had an illness for three days or more with a rash, fever of 101 degrees or greater, cough and conjunctivitis, and is considered to have had the Rubella (measles) disease.

Questions about acceptable proof, exemptions, or temporary deferments may be directed to Student Health Services, 239-590-7966 or fax 239-590-7968.

Additional immunizations or medical tests may be required for students in certain majors. Students residing in University Housing are required to present proof of immunity to Hepatitis-B and Meningitis or sign a waiver form. Please review the information and forms available at the Health Services web site at http://studentservices.fgcu.edu/HealthServices/Immunizations.htm.

Non-Degree-Seeking Enrollment
Non-degree-seeking enrollment allows a student to enroll in selected courses on a space available basis and has been established for those individuals who do not have an immediate intention to pursue a degree program. Successful completion of courses while in this classification does not provide a basis for regular admission at a later date. Students seeking graduate courses on a non-degree-seeking basis are considered Post-Baccalaureate (Post-Bac) and should reference the Graduate Admission section of this catalog.

Students enrolling in this classification are subject to the following regulations:
• Non-degree seeking students are subject to the same rules and regulations as degree seeking students.
• International students may not enroll as non-degree seeking students due to federal regulations.
• Non-degree seeking students are not eligible to receive financial aid.
• Non-degree seeking students are not eligible to stay in University housing or to receive University honors.
• A degree seeking student denied admission to FGCU may not subsequently enroll as a non-degree seeking student. This restriction will be waived if the student subsequent to the denial from FGCU has completed a degree program or has been a student in good academic standing at another postsecondary institution. Official transcripts will be required in these cases.
• A non-degree seeking student dismissed from the University will not be eligible for admission as a degree seeking student.
• A non-degree-seeking student is limited to 15 credit hours of undergraduate coursework. In special circumstances, a college may waive this restriction.
• Hours taken at FGCU as a non-degree-seeking student cannot be used to meet the 60 transferable hours required for admission as an upper division student.
• A non-degree seeking student must be in good academic standing at his/her previous institution (including FGCU) and eligible to return.
• Registration for classes is on a space-available basis; subject to any required course pre-requisites and other restrictions as determined by the applicable College or Program.
• Registration is in accordance with the deadlines posted on the academic calendar.

Application Procedure:
• Non-degree-seeking students must complete a Non-Degree Application. There is a non-refundable application fee of $30 for first-time applicants. Non-degree-seeking students must have proof of immunization (see immunization requirements, above) and complete the residency affidavit.
• Transient students from other State of Florida public universities (SUS Institutions) should NOT complete a Florida Gulf Coast University Non-Degree Application, but should follow the directions under “Transient Student” in the “Registration and Records” section of this catalog. All other transient students should complete a Non-Degree application before attempting registration.
• Students enrolling with Senior Citizen Tuition Waivers, likewise, should not complete the standard Non-Degree application, but should instead complete the Senior Citizen Non-Degree application and Senior Citizen Fee Waiver form available in the Office of The Registrar.

Teacher Certification:
Students with undergraduate degrees (Post-Baccalaureate) who are returning to gain teacher certification and educators seeking re-certification may enroll in undergraduate or graduate College of Education courses as well as courses in other colleges on a non-degree, space-available basis, and when course pre-requisites are met. There is no limit to the number of credits students may earn in this category however, the College of Education limits to 12 the number of credits...
earned while non-degree-seeking which can be applied toward a graduate degree. Furthermore, some programs within the College of Education limit to 12 the total hours a non-degree-seeking student may take for any purpose. Please see program advisors for details. Refer to the Graduate Admission section for details on applying as a Post-Baccalaureate Student and to the College Of Education section for more details on teacher certification.
<table>
<thead>
<tr>
<th>Advanced Placement (AP) Examination</th>
<th>Course/area for which credit can be assigned at FGCU (credit awarded is in parenthesis)</th>
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</thead>
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<tr>
<td>Art History</td>
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<tr>
<td>Studio Art (Drawing Portfolio)</td>
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</tr>
<tr>
<td>Studio Art (2D Design)</td>
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<td>Studio Art (3D Design)</td>
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<td>MAC 2311(4)</td>
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<tr>
<td>Calculus BC</td>
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<td>ENC 1101(3)</td>
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<tr>
<td>German Language</td>
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Note: Credit hours are in parentheses. FGCU will award university credit in accordance with state guidelines for exam scores in subject areas not on this list. Such exam scores may also earn credit for specific FGCU courses. These will be evaluated on a case by case basis. AP, IB, and CLEP information regarding courses/areas for which FGCU credit may be assigned is subject to change. Students should consult their academic advisors for up-to-date information.
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* Students with a score of 4 or higher in any Language B exam are considered to have completed the foreign language requirement. Students may qualify for additional placement into higher-level language courses than are indicated here; consult the program leader for details.

Note: Credit hours are in parentheses. FGCU will award university credit in accordance with state guidelines for exam scores in subject areas not on this list. Such exam scores may also earn credit for specific FGCU courses. These will be evaluated on a case by case basis. AP, IB, and CLEP information regarding courses/areas for which FGCU credit may be assigned is subject to change. Students should consult their academic advisors for up-to-date information.
<table>
<thead>
<tr>
<th>CLEP Subject Examination</th>
<th>Course/area for which credit can be assigned at FGCU (credit awarded is in parenthesis)</th>
<th>Qualifying score*</th>
<th>Maximum credit awarded at FGCU</th>
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<td>American Government</td>
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<tr>
<td>History of U.S. I</td>
<td>AMH 2010(3)</td>
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<tr>
<td>Early Colonization to 1877</td>
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<tr>
<td>History of U.S. II: 1865 to Present</td>
<td>AMH 2020(3)</td>
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<td>Human Growth and Development</td>
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<td>Introduction to Educational Psychology</td>
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<td>Principles of Macroeconomics</td>
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<tr>
<td>Principles of Microeconomics</td>
<td>ECO 2023(3)</td>
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<td>PSY 2012(3)</td>
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<td>Introductory Sociology</td>
<td>SYG 2000(3)</td>
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<td>Western Civilization I:</td>
<td>EUH 1000(3)</td>
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<td>Western Civilization II:</td>
<td>EUH 1001(3)</td>
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<td>1648 to the Present</td>
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<tr>
<td>American History</td>
<td>AMH 2010(3), 2020(3)</td>
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<td>Afro-American History</td>
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<td>Introductory Economics</td>
<td>ECO 2013 (3), 2023 (3)</td>
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<tr>
<td>Introductory MACRO Economics</td>
<td>ECO 2013 (3)</td>
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<td>Introductory MICRO Economics</td>
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<td>Introductory MACRO and MICRO Economics</td>
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### Science and Mathematics

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<tr>
<td>Biology</td>
<td>BSC 1005C(3)</td>
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<tr>
<td>Calculus</td>
<td>MAC 2233(3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHM 1045(3)</td>
<td>50</td>
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<tr>
<td>College Algebra</td>
<td>MAC 1105(3)</td>
<td>50</td>
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<tr>
<td>College Mathematics</td>
<td>MGF 1107(3)</td>
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<td>Natural Sciences</td>
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<tr>
<td>Precalculus</td>
<td>MAC 1140(3)</td>
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**Discontinued examinations**

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<th>Subject</th>
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<tr>
<td>Calculus with Analytical Geometry</td>
<td>MAC 2311(4)</td>
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<tr>
<td>Clinical Chemistry</td>
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<tr>
<td>College Algebra-Trigonometry</td>
<td>MAC 1147(4)</td>
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<tr>
<td>Geology</td>
<td>GLY 1010C(4)</td>
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<td>Hematology</td>
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<td>Immunohematology</td>
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<td>Introductory Calculus</td>
<td>MAC 2311(4)</td>
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<td>Microbiology</td>
<td>MCB 2010(3)</td>
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<td>Statistics</td>
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<td>Tests and Measurements</td>
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<tr>
<td>Trigonometry</td>
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### Business

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<tr>
<td>Financial Accounting</td>
<td>ACG 2021(3)</td>
<td>50</td>
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<tr>
<td>Introductory Business Law</td>
<td>BUL 3130(3)</td>
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<tr>
<td>Information Systems and</td>
<td>CGS 1100(3)</td>
<td>50</td>
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<tr>
<td>Computer Applications</td>
<td></td>
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<tr>
<td>Principles of Management</td>
<td>MAN 3025(3)</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Marketing</td>
<td>MAR 3023(3)</td>
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**Discontinued examinations**

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<th>Subject</th>
<th>Code</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Computers and Data Processing</td>
<td>CGS 1100(3)</td>
<td>49</td>
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<tr>
<td>Elementary Computer Programming-FORTRAN IV</td>
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<tr>
<td>Introduction to Management</td>
<td>MAN 3025(3)</td>
<td>49</td>
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<tr>
<td>Introductory Marketing</td>
<td>MAN 3023(3)</td>
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<td>Money and Banking</td>
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<tr>
<td>Principles of Accounting</td>
<td>ACG 2021(3)</td>
<td>50</td>
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</table>

* For computer-based exam. Contact admissions office for qualifying score on paper and pencil exam.

** Test discontinued/scores still accepted.

Note: Credit hours are in parentheses. FGCU will award university credit in accordance with state guidelines for exam scores in subject areas not on this list. Such exam scores may also earn credit for specific FGCU courses. These will be evaluated on a case by case basis. AP, IB, and CLEP information regarding courses/areas for which FGCU credit may be assigned is subject to change. Students should consult their academic advisors for up-to-date information.
GRADUATE ADMISSION

The Office of Graduate Studies is housed in Howard Hall, room 111. All students applying for graduate admissions, for post baccalaureate certificate programs, or as non-degree seeking graduate students must submit their materials to the Office of Graduate Studies, regardless of their program of interest. Graduate Studies processes applications, checks them for completeness, and then forwards materials to the program. Decisions concerning admission are made by the programs. Prospective graduate students are encouraged to contact the graduate program coordinators, within the respective colleges, for details concerning admission’s selection criteria. For inquiries concerning application requirements, please contact Graduate Studies.

The Office of Graduate Studies maintains as its mission and purpose to provide accurate and current information to prospective students and the University community regarding graduate programs and the application process for graduate studies; to facilitate the effective and efficient processing of graduate applications; and to provide open communication between colleges/programs and graduate admissions. We strive to be a student-centered team, committed to quality customer service and continuous improvement.

Florida Gulf Coast University encourages applications from all qualified prospective students regardless of race, sex, religion, culture, age, disability, or ethnic background.

All credentials and documents submitted during the enrollment process become the property of FGCU and will not be returned to the applicant or forwarded to another institution, agency, or person. Furnishing any false or fraudulent statements or information in connection with the admission or enrollment process may result in disciplinary action, denial of admission, and invalidation of credits or degrees earned.

Graduate Admission Requirements

Applicants to graduate degree programs or post-baccalaureate professional programs are required to meet minimum university admission requirements that are in accordance with system-wide admission requirements (Rule 6C-6.003 Florida Administrative Code). Individual programs may set additional criteria or more selective requirements. Consequently, meeting minimum university admission requirements does not guarantee admission to a particular program. Refer to the appropriate academic program section of this catalog or contact Graduate Studies or the college/program regarding additional admission requirements.

Minimum University Admission Requirements

1) Have a bachelor’s degree or equivalent from a regionally accredited institution.
2) Present an official standardized admission test score. (Refer to the college/program description for approved standardized tests.)
3) Meet at least one of the following criteria:
   • The minimum university requirements for admission into a graduate program are an earned bachelor’s degree from a regionally accredited institution and a 3.0 GPA (last 60 attempted semester hours of the baccalaureate degree) on a 4.0 scale or 1000 on the combined verbal-quantitative portions of the Graduate Record Exam (GRE) or an equivalent score based on the new GRE scoring scale, or 400 on the Miller Analogies Test (MAT), or 500 on the Graduate Management Admissions Test (GMAT), or
   • A graduate degree from a regionally accredited institution.

An applicant who is from a country where English is not the primary language must submit a minimum TOEFL score of 550 (paper-based test) or 213 (computer-based test) or 79 (internet-based) unless otherwise specified by the program. (Refer to college/program description for requirements greater than the minimum.)

An applicant for graduate study must demonstrate the motivation, ability, and preparation to successfully pursue graduate study. The graduate program director and/or academic dean, through the graduate admission committee in each college, makes a determination of this capacity. Admission is based upon records of undergraduate achievement, prior graduate work, scores on required standardized tests, other supporting documentation including letters of recommendation, where required, and resource availability within individual programs.

Graduate Application Procedures

Each graduate program maintains an application deadline. Some programs have multiple deadlines throughout the year. Applicants are urged to start the application process early, approximately six months prior to the start of the intended term of enrollment. Contact Graduate Studies or refer to the college/program description for application deadlines.

When all required application documents are received, Graduate Studies processes the application and forwards a complete file to the college or program for review and consideration. An applicant receives notification by mail from the college/program regarding the admission decision.

Graduate Application

A Graduate Application packet can be obtained by contacting Graduate Studies at 239-590-7908 or 1-800-590-FGCU or e-mail at graduate@fgcu.edu. Students may also apply online by going to http://www.fgcu.edu/Graduate/apply.html.

Applicants complete the following steps for applying to a specific graduate program:

• Graduate Application with application fee.
• Residency Classification Form.
• Immunization History Form.
• Official Transcripts: Contact each college/university ever attended and request that two official copies of transcripts bearing the seal and signature of the registrar be mailed to the applicant. Submit unopened envelopes containing the official transcripts to Graduate Studies. Photocopies and facsimiles of transcripts are not accepted.
• Supplemental Application Materials: Required for specific programs.
• Standardized Test Score: Request official Graduate Record Examination (GRE), Miller Analogies Test (MAT), or Graduate Management Admissions Test (GMAT) scores to be sent directly to Graduate Studies. (Refer to college/program description for appropriate test.)

International Student Admission

* Applicants are classified as international if they are not United States citizens, dual citizens, or permanent residents. International students must meet admission criteria for the program to which they apply, as well as the following:
   • International students must have all credentials and admission information submitted to Graduate Studies by the deadline for the specific entry term.
   • Josef Silny & Associates, Incorporated, World Education Services, or AACRAO must evaluate credit from institutions outside the U.S. A course-by-course evaluation is required. The applicant pays for this service and contacts
the evaluating agency directly. Official evaluations must be submitted to Graduate Studies by the deadline for the specific entry term.

- Applicants must demonstrate English proficiency in accordance with University policy, and will be required to submit acceptable TOEFL (Test of English as a Foreign Language) scores unless the country of origin uses English as the official language. A minimum score of 550 (paper-based), 213 (computer-based), or 79 (Internet-based) is required on the TOEFL. Some programs, including the MS in Health Science, require a TOEFL score greater than the minimum (see program requirements). With the approval of the Director of Graduate Studies and the appropriate dean, applicants may furnish satisfactory evidence of English competency in lieu of the TOEFL. Examples of satisfactory evidence include, but are not limited to, completion of ENC 1101 and ENC 1102 (or equivalent) with a grade of C or higher; and/or a minimum of 60 credits satisfactorily completed at an accredited institution of higher education where all courses are taught in English. For information on the TOEFL, contact TOEFL, Educational Testing Service, Princeton, NJ 08541, USA. The University’s institutional code for the transmittal of the TOEFL is #5125. Official test scores must be submitted to Graduate Studies by the deadline for the specific entry term.

- The applicant must file a Confidential Financial Statement confirming availability of specific funds to finance the first year of study before the University issues the appropriate papers for obtaining a visa. Official bank statements must be submitted to Graduate Studies by the deadline for the specific entry term.

Prior to registering for classes, admitted international students must submit proof of health and accident insurance to meet mandatory requirements. The University reserves the right to refuse registration to any international student who fails to comply with this insurance requirement or is unable to supply satisfactory proof of insurance. The University also reserves the right to withdraw from classes any international student who fails to maintain insurance coverage or avoids in any way the responsibility to comply with the insurance requirement.

International students are subject to the same University policies and procedures that apply to all students, such as admission, enrollment, immunization, etc. Additionally, international students must comply with all U.S. Immigration regulations, which may determine the student’s eligibility for enrollment, residency status, limitations on credit hours or semesters of study, and length of presence in the U.S.

Application deadlines for international students:

- If currently outside the United States:
  - Fall Semester: May 1
  - Spring Semester: September 15
  - Summer (contact Graduate Studies)

- If currently in the United States:
  - Fall Semester: June 1
  - Spring Semester: October 15
  - Summer (contact Graduate Studies)

Please note that program deadlines supersede these deadlines when the program deadline is earlier in the year.

* FGCU is authorized under federal law to enroll non-immigrant students.

Appeal for Reconsideration

The college/program provides applicants with written notification of admission decisions. Applicants denied admission who meet the minimum University requirements and wish to appeal the decision must write the college/program to request reconsideration within 30 days of the date of denial or by a deadline date set by the college/program in the denial letter. The request should present additional evidence of potential for academic success at FGCU and contain reasons why reconsideration is warranted. Applicants denied admission to a degree-seeking program are eligible to enroll as special (non-degree seeking) students with the approval of the college/program.

Deferring Graduate Application

Students who have submitted an application but not completed the application process may request, in writing, that the application be deferred to a subsequent term no later than 2 semesters past the initial term of application. Deferment of Graduate Application results in the student’s term of entry, under the University catalog being the semester deferring to, not the semester indicated in the initial application.

Former Student Returning

Degree seeking students who have not been in attendance for three or more consecutive semesters must submit a new graduate application.

Transfer Credit

With the approval of the college/program, a student may transfer credit from a regionally accredited college or university (or other approved institution in accordance with Florida statute or rule) into the graduate college/program at Florida Gulf Coast University. Transfer of credit is contingent upon review of appropriate documentation from the student’s prior courses, including transcripts and course syllabi. The following are University guidelines concerning transfer of graduate credit:

- Unless otherwise specified in college/program policy, up to 12 graduate-level credits may be transferred into the college/program and applied toward the degree. (Refer to the college/program description for specific transfer, waiver, and currency of credit policies.)
- A grade of B (3.0 on a possible 4.0 scale) or higher is required.
- Courses must be applicable toward the graduate degree being sought at Florida Gulf Coast University as determined by the college/program.

Students with Disabilities

A student who is requesting special consideration for admission due to a disability should note this on the admission application. The student must provide appropriate documentation (less than three years old) of a disability and identify how the disability prohibits him/her from meeting minimum admission standards. The graduate program admission committee will review this petition for admission. The admission decision will be made on an individual basis from documentation provided by the student.

Graduate Change of College

To change from a major field in one college to a major field in another, a new graduate application form and supplemental documentation are required. If official transcripts and test scores have been provided to Graduate Studies there is no need to resubmit these documents. All supplemental documentation required for the specified college/program of new application must be submitted to Graduate Studies. The final decision regarding change of college is determined by the college to which the student is applying. Change of college results in the student’s term of entry, under the University catalog being the semester of entry into the new college, not the semester initially applied for. This policy applies to students who have applied, been admitted or have enrolled.
Graduate Change of Major
To change major fields of study within the same college; completion of Change of Graduate Program Request form is required. Additional documentation may be required for admission as each college/program admission criteria differs between programs. The final decision regarding change of program is determined by the program/college, which the student is applying to. Change of program within the same college results in the student's term of entry, under the University catalog being the semester of entry into the new program, not the semester initially applied for.

Second Master’s Degree
Individuals seeking a second master’s degree, who are currently enrolled in an FGCU master’s degree program must complete a separate application for that program and fulfill the normal degree requirements for the second degree.

Non-Degree-Seeking Enrollment
Graduate non-degree-seeking enrollment is on a space-available basis and has been established for those individuals who would like to enroll, but are not seeking a degree from FGCU. Students seeking graduate level courses on a non-degree basis are classified as Post-Baccalaureate (Post-Bac) students. Enrollment as a non-degree-seeking student does not guarantee subsequent admission into the University as a degree student. International students cannot be admitted in this status due to federal regulations.

Post-Bac students must complete an application for admission and submit a non-refundable $30 application fee. Post-Bac students are subject to the same academic policies as degree-seeking students and must adhere to deadline dates published in the academic calendar. Non-degree-seeking students (including Post-Bac) are not eligible to receive financial aid (except for teacher certification).

Graduate Non-Degree-Seeking Restrictions
In general, a Post-Bac student is limited to a total of 9 credit hours of graduate coursework. Exceptions: A student seeking professional certification or re-certification may request an exemption to the 9 credit hour limit by contacting the appropriate college in which course enrollment is sought. A student seeking admission to a College of Education graduate program may take up to 12 credit hours of graduate coursework as a non-degree-seeking student.

Teacher Certification
Students with undergraduate degrees who are returning to gain teacher certification and educators seeking re-certification may enroll in undergraduate or graduate College of Education courses as well as courses in other colleges on a non-degree, space-available basis, and when course prerequisite requirements are met. There is no limit to the number of credits students may earn in this category; however, the College of Education limits to 12 the number of credits earned while non-degree-seeking which can be applied toward a graduate degree. Furthermore, some programs within the College of Education limit to 12 the total hours a non-degree-seeking student may take for any purpose. Please see program advisors for details.

Immunization Requirement
As a prerequisite to registration as a degree-seeking or non-degree-seeking student, the State University System of Florida requires all students born after December 31, 1956, to present documented proof of immunity to measles (Rubeola) and Rubella. Prior to initial registration, each student must submit a completed FGCU Immunization History Form to Student Health Services.

The following are acceptable proofs of immunization:
- Proof of two vaccinations (doses) of measles received at least 28 days apart and one vaccination of rubella, after 12 months of age. Measles vaccinations must have been received in 1968 or later and Rubella vaccination in 1969 or later; or
- Proof of immunity by way of a blood test result (titer); or
- A written, dated statement signed by a qualified health care provider on office letterhead that specifies the date seen and states that the student has had an illness for three days or more with a rash, fever of 101 degrees or greater, cough and conjunctivitis, and is considered to have had the Rubeola (measles) disease.

Questions about acceptable proof, exemptions, or temporary deferments may be directed to Student Health Services, 239-590-7966 or fax 239-590-7968.

Additional immunizations or medical test may be required for students in certain majors. Students residing in University Housing are required to present proof of immunity to Hepatitis-B and Meningitis. Please review the information and forms available at the Health Services Web Site at http://studentservices.fgcu.edu/HealthServices/Immunizations.htm.

Post Admission Information
The Registration section of this catalog contains information on class registration, transcripts, grades, etc.
REGISTRATION AND RECORDS

The Office of the Registrar supports the University and Enrollment Service missions by fostering an environment that promotes student success. The Office of the Registrar is committed to providing superior customer service to students, faculty, administration, alumni, community, state and federal agencies.

Registration
FGCU employs priority registration to manage term enrollment. Term registration dates are published in the Academic Calendar. Priority registration, referred to as Eagle Registration, is a benefit to all students in that it ensures students are able to enroll in the classes needed to complete their degree in a timely manner. It is a process that allows those who are closer to degree completion, with specific course needs, the ability to register before students who are further from graduation.

Priority levels are determined by a student’s total earned hours recorded for the most recent prior term of enrollment. To check earned hours, go to Gulfline and select Academic Transcript.

Adding or Dropping a Course
Adding a course. Students may add courses or change sections of courses during the registration period and the drop/add period (first week of classes), as published in the Academic Calendar. Classes may be added by accessing the Gulfline feature on the university web site, through the Office of the Registrar or Academic Advisor.

Dropping a course. Courses may be dropped during the registration and drop/add period through Gulfline and the Office of the Registrar as published in the Academic Calendar. Courses dropped during this period will not appear on the student’s academic record. Individual courses dropped after the drop/add period but before the "last day to completely withdraw without academic penalty," (as published in the Academic Calendar) must be dropped through the Office of the Registrar. These courses will remain on the academic record and are assigned a grade of W. A grade of W is not calculated in the student’s grade point average (GPA).

An individual course dropped after the "last day to completely withdraw without academic penalty" must be dropped through the Office of the Registrar and will remain on the student’s academic record resulting in a grade of WF, which is calculated as a failing grade in the student’s grade point average. An appeal regarding the WF assignment is considered a request for grade change. Student appeals are to be submitted in writing, with supporting documentation, to the appropriate college. The college offering the course will make the final decision regarding the appeal.

Dropping all courses does not constitute formal withdrawal from the university. Refer to the Withdrawal section for information and procedures. A student is financially liable for all courses in which he or she is registered for at the end of the drop/add period.

Address Change
The address the university utilizes for students is taken from the application for admission. It is the student’s responsibility to make appropriate changes to their address. Address changes can be made through the Office of the Registrar. Students employed by the University should also submit changes to Human Resources.

Application to Graduate
An Application to Graduate form must be submitted to the appropriate college advisor in the term of expected graduation by the deadline noted in the Academic Calendar. By submitting the form, a student initiates the process of verifying degree requirements and ensures that all commencement information and registration forms are sent to the student. If an application for graduation is denied, a new application must be submitted by the deadline in the new term.

It is the student’s responsibility to clear all incomplete (I) grades and to provide official transcripts of all transferred coursework needed for graduation prior to the application deadline. A student taking an incomplete (I) in any course during the semester in which they have applied to graduate will be denied graduation for that semester. An application for grade forgiveness must be filed no later than the graduation application deadline, as stated in the Academic Calendar. Students are encouraged to apply for grade forgiveness upon completion of the repeat.

Grade changes and transfer work received after the degree statement has been posted to the transcript will not be incorporated into the degree.

Auditing a Course
Course audits are approved on a space-available basis and require the approval of the instructor and dean of the college offering the course. Audit registration is permitted only during the late registration period. Admission to the university is managed through a non-degree application. Regular course fees are assessed. Audited courses are noted on the academic transcript with a grade of X. Procedures for auditing courses are available from the Office of the Registrar.

Florida residents 60 years of age or older who plan to use senior citizen tuition waivers must register on a space-available, audit basis according to the Academic Calendar. See Senior Citizen Tuition waivers section for more information.

Change of Major (Undergraduate)
An undergraduate student wishing to change his or her major must submit a completed Change of Major form to the college advisor for the new program. A student wishing to change his or her major to a limited access program or an undergraduate student wishing to enter a graduate program must formally apply to the relevant program. Students may not use the Change of Major form to change from degree to non-degree status.

Advisors in the College of Health Professions have the authority to correct majors of students officially admitted into an individual academic program within the college. This college-specific policy supersedes university policy that requires students to individually submit a Change of Major form. Unless otherwise specified, lower-level College of Health Professions students dismissed from limited access academic programs become undeclared. Upper-level students must declare a new major.

Choice of Catalog
To graduate, each degree-seeking student must meet all graduation requirements specified in an FGCU catalog. A student has the right to choose a catalog year for his or her program of study. However, the choice cannot be from a catalog year that is earlier than the matriculation term and the student must remain in continuous enrollment. Matriculation is defined as being admitted to and enrolled in a degree pro-
Continuous enrollment is defined as enrolling at least one term in each academic year. Catalog is defined as the program and graduation requirements published each academic year beginning with the fall semester and concluding with the summer semester.

If students cannot meet all of the graduation requirements specified in the catalog of choice due to changes by the university in matters of policy or course offerings, appropriate substitutions will be determined by the program manager to preclude penalizing the student. Due to program accreditation requirements, students in certain majors may not have this option.

All former students will be readmitted to the university under the catalog applicable to the term of readmit for degree requirements unless otherwise approved by the college.

**Class Attendance**

Regular and punctual attendance and participation are expected. Although students are graded on intellectual effort and performance rather than attendance, absences may lower the student’s grade when the instructor deems class attendance and class participation as essential. In those classes where attendance is considered part of the grade, the instructor must inform students at the beginning of the term in the syllabus. Any instructor who informs students in writing about the necessity of class attendance may request the Office of the Registrar to drop a student from the class. A grade of W will be posted to the student’s record prior to the deadline for withdrawal without academic penalty. After that date, the instructor may assign a punitive letter grade for any student who does not abide by attendance requirements. Colleges have the authority to establish college-wide, program-wide, or course-wide policies on attendance in accordance with the above guidelines.

Authorized absence. An authorized absence is an absence due to participation in a sponsored activity that has been approved in advance by the program director and the appropriate student affairs officer. Such an absence permits the student to make up the work missed when practical or to be given special allowance so that he/she is not penalized for the absence.

Excused absence. An excused absence is an absence due to other causes, such as illness, family emergency, death in the family, or religious holiday. A student seeking an excused absence should obtain documentation such as a physician’s statement, accident report, or obituary and contact all instructors or the Office of the Dean of Student Services.

**Commencement**

Commencement ceremonies are held twice a year, in May and December. Florida Gulf Coast University offers a candidate ceremony and not a degree conferral ceremony. Degrees for all candidates who complete degree requirements will be certified by the appropriate college after the official close of the term, as noted in the academic calendar. Degree information is made available within 4 weeks after the close of the term. However, diplomas require 8-10 weeks to prepare.

The May commencement is for graduating candidates who have completed or plan to complete all degree requirements in the spring term. The December ceremony is for graduating candidates who have completed or plan to complete all degree requirements in the summer or fall term. Students who submit graduation applications by the published deadline will receive commencement information.

Students who wish to walk early (participate in a commencement exercise other than the one designated for their term of completion) must submit a Petition to Walk Early and must meet the requirements for such. The petition can be obtained from the Office of the Registrar or college advisor and must be submitted through the student’s college advisor no later than the date provided on the form. All petitions that meet the guidelines will be approved on a space available basis. Space availability is based on the number of applied candidates and seating limits of Alico Arena.

For more graduation and commencement information, go to the Office of the Registrar web site: http://enrollment.fgcu.edu/registration/graduation.html.

**Course Load**

**Undergraduate.**

A full-time undergraduate student is enrolled in 12 or more credit hours per semester. A part-time undergraduate student is enrolled in fewer than 12 credit hours per semester. The typical full-time undergraduate course load is 12 to 18 credit hours each semester. Students should take between 30 and 33 hours annually to graduate in four years. In the fall and spring semesters, the maximum number of credit hours in which an undergraduate may enroll is 18. During the summer semester, the maximum number of credit hours allowed during a six-week term is 9, and the maximum number of credit hours allowed during a 10-week term is 15. The total of combined summer sessions cannot exceed 15 hours. Semester overload permission from the undergraduate student’s academic advisor is required to enroll for more than the maximum allowable hours.

**Graduate**

During the fall or spring semesters, a full-time graduate student is enrolled in 9 or more credit hours, and a part-time graduate student is enrolled in fewer than 9 credit hours. Enrollment in 9 credit hours in any combination of summer terms is considered full-time. (See Semester System for details regarding term lengths.)

**Directory Information**

The following has been designated by FGCU as directory information:

- Full name
- Telephone listing
- Major/field of study
- Participation in officially recognized activities & sports
- Intramural events
- Dates of attendance
- Degrees and dates of conferral
- Most recent educational institution attended prior to FGCU.
- Enrollment status
- Class status
- Honors and awards received
- Weight and height for athletic team members
- University email address

Enrolled students have the right to withhold directory information from the public (any non-university individual, agency, etc.). Students may file a request for privacy through the Office of the Registrar. Requesting privacy may adversely affect how the university provides information to prospective employers and agencies. The university is not responsible for negative action taken by such agencies as a result of maintaining a student’s privacy. The request for privacy is considered a serious action. Please contact the University Registrar with questions or concerns.

A parent or guardian may NOT have access to non-directory

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**General Information**
student information unless the student completes an Authorization to Release Educational Information to a Third Party form available in the Office of the Registrar or unless the student is claimed as a dependent for federal income tax purposes during the year preceding the term in question and for the year during which that term occurs. A copy of the parent or guardian’s federal income tax form will be required.

**Enrollment Certification**

Students should contact their lenders for deferment criteria and procedures. It is the student’s responsibility to submit the loan deferment form to the Office of the Registrar when such service is necessary. Written requests for enrollment certification for loan deferment or insurance purposes should be addressed to the Office of the Registrar and include name, student identification number and the specific information needed.

Students requesting loan deferment should contact their lender and request a deferment form. This form can be submitted to the Office of the Registrar during the semester needing deferment. However, forms received prior to the beginning of the term of deferment will be held for enrollment verification 10 days after the beginning of the term. This is to allow for course enrollment adjustments. Verifications will be sent to the lender unless otherwise noted. Any change in enrollment status will be reported to the lender through the Department of Education in Washington, DC.

**Enrollment Status**

- **Undergraduate Degree and Non Degree-Seeking:**
  - Full: 12 or more
  - Half: 6 – 11
  - Less Than Half: 1 – 5

- **Graduate Degree and Non Degree-Seeking:**
  - Full: 9 or more
  - Half: 5 – 8
  - Less Than Half: 1 – 4

**Family Education Rights and Privacy Act, 1974 (FERPA)**

FERPA affords students certain rights with respect to their education records. These rights are:

- The right to inspect and review the student’s education records. These rights are:
  - The right to request the amendment of the student’s educational records that the student believes are inaccurate or misleading.
  - Students may ask the university to amend a record that they believe is inaccurate or misleading by placing the request in writing to the university official responsible for the record. Students should clearly identify the part of the record to be amended and specify why it is inaccurate and misleading. Supporting documentation may be required.
  - The University will notify the student of the decision and advise the student of his or her rights to a hearing if the university decides not to amend the record as requested. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

The right to consent to disclosures of personally identifiable information contained in the student’s educational records, except to the extent that FERPA authorizes disclosure without consent.

- One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the university in an administrative, supervisory, academic or research, or support staff position (including law enforcement personnel and health staff); a person or company with whom the university has contracted (such as an attorney, auditor, or collection agency); a person serving on the University Board of Trustees; or a student serving on an official committee, such as disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

- A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

In the event of an unintentional release of student records due to unauthorized access, the University will notify via email all potentially affected students of the unauthorized release.

**Grade Forgiveness**

Students may repeat a course and exclude a previous course grade from their FGCU grade point average calculations effective fall 2000. Undergraduate degree and non-degree students are eligible by meeting the following:

- Original grade of C- or lower has been recorded on the academic record.
- The repeated grade must be higher than the original grade.
- The original course was taken at FGCU and the original grade was received fall 2000 or subsequent terms.
- The repeat course was taken at FGCU subsequent to fall 2000.
- The repeat course was taken under the same grading system (A-F or S/U) as the original. S/U graded courses are not permitted to repeat as A-F or vise versa.
- An application for grade forgiveness must be filed no later than the graduation application deadline date as stated in the Academic Calendar for the semester the student applies for graduation. Students are encouraged to apply for grade forgiveness upon completion of the repeat course.
- In the case of university error, supporting documentation from the appropriate college must be attached to the form. Errors discovered after the degree is awarded must be reviewed by the College Dean and Academic Affairs for special exception. Otherwise, grade forgiveness will not be applied after a degree or certificate has been awarded.

**Additional conditions of the policy:**

- A total of two course grades may be forgiven for courses that are repeated. The same course grade may not be forgiven twice.
- Only 1000-4000 courses are eligible for grade forgiveness.
- All grades will remain on the academic transcript. The original course will be annotated with E to indicate the
course has been repeated and excluded from the GPA calculation. The repeat course will be annotated with I to indicate repeat course and included in the GPA calculation.

- With prior approval of the college dean, a course substitution may be sought under the following conditions:
  - The substitute course is a change in prefix, number, hours, or title, but not a substantive change in context from the original course.
  - The substitute course replaces a course no longer offered by the institution.
  - Individual colleges may have further restrictions; therefore, the student should consult with his/her academic advisor.
  - Students who have received a bachelor’s degree from FGCU cannot apply grade forgiveness to any course taken prior to the awarding of the degree.

Students should discuss their eligibility for grade forgiveness with their academic advisor. Applications for grade forgiveness can be obtained from academic advisors or from the Office of the Registrar. Refer to the Academic Calendar for the application deadline date.

Grade Point Average Calculation

<table>
<thead>
<tr>
<th>Grade Definition</th>
<th>Quality Points Per Semester Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
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<tr>
<td>C-</td>
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</tr>
<tr>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>D-</td>
<td>0.7</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
</tr>
<tr>
<td>NR</td>
<td>Not Reported by instructor</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal without academic penalty</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawal with academic penalty</td>
</tr>
<tr>
<td>X</td>
<td>Audit (no academic credit)</td>
</tr>
<tr>
<td>Z</td>
<td>Thesis/Dissertation Continuation</td>
</tr>
</tbody>
</table>

It is the option of the college, department or instructor to use all, some, or none of the plus/minus grades in assigning student grades in a course, as long as the grading system is communicated to students via the course syllabi at the beginning of the course. Numerical ranges corresponding to letter grades are established for each course according to the professional judgment of the instructor.

Some colleges, departments, and programs have established minimum grade requirements. In these instances, a grade of C- does not satisfy the requirement of a minimum grade of C, and a grade of B- does not satisfy the requirement of a minimum grade of B.

The grades of D+, D, and D-, while considered passing for undergraduate students, may not be acceptable for some courses (see program requirements).

Earned credit hours are not assigned in courses with grades of F, I, U, W, WF, X, and Z (see definitions). A grade of NR will be posted for grades not reported by the instructor. A NR grade will be converted to an F at the end of the following semester.

Incomplete (I) grade. A student who is passing a course but who has not completed all of the required coursework by the end of the term may, with the permission of the instructor, be assigned a grade of I. A grade of I is not computed in a student’s GPA.

An incomplete (I) grade cannot be assigned to a course if the student fails to attend the course, drops the course after the drop/add period, or withdraws from the university. A student, who registers for a course but fails to meet the course requirements, without officially dropping the course, will receive a grade of F in the course.

To initiate consideration for a grade of I, a student must contact the instructor before grades are reported. The decision to award a grade of I is solely the decision of the instructor. Should a professor decide to assign the grade, both the student and the professor must complete and retain a copy of an Incomplete Grade Agreement Form. The maximum amount of time to complete coursework to remove a grade of I is one year from the ending date of the semester for which the grade was assigned or graduation whichever comes first; however, instructors may restrict the amount of time given to the student to complete the coursework. After one year, a grade of I will be changed to an F if the instructor has reported no grade. A student may not re-register for a course in which he or she currently has an incomplete (I) grade. Once an incomplete (I) grade has converted to a failing grade (F), the grade may not be converted back to an incomplete (I) grade or to a regular grade. Exceptions due to university error may be approved by the college Dean (or his/her designee) with supporting justification attached to a change of grade form.

Students approved for reinstatement by the Reinstatement Appeal Committee after the deadline expires are not eligible for the grade assignment of incomplete (I).

Final grade reports. Grades are available via Gulfline at http://gulfline.fgcu.edu. The university does not mail final grade reports. Students needing written verification of grades should submit a request for an unofficial or official transcript to the Office of the Registrar.

Change of grade. A request for a change of grade will be considered only during the term immediately following the term in which the grade was assigned. Grades assigned during the spring semester may be changed during the following summer or fall terms. The dean (or his/her designee) of the college offering the course must approve grade changes. Exceptions to the time limitation may be approved by the college dean (or his/her designee) with supporting justification attached to the Change of Grade form.

Grades will not be changed after a degree or certificate has been awarded.

Grade appeal. All student grade appeals or allegations should first be brought to the attention of the instructor of the course. Students are responsible to present documents or evidence supporting the grade appeal to the instructor within one semester after the grade issuance. Students and faculty should attempt to resolve the problem in a timely and satisfactory manner. Students dissatisfied with the instructor's decision, or if the faculty is not available, the student may pursue an informal solution with the Chair of the department.
If not satisfied with the resolution of the informal procedures, the student may file a formal written appeal with the Office of the Dean of the College in which the course is offered. Each college shall establish an Academic Grade Appeal Committee, for the purpose of reviewing and rendering decisions concerning all formal grade appeals to the College Dean. The College Dean will approve or deny the appeal committee’s findings. Written notification to the student will be provided within 15 days of receipt of the student’s request.

A final appeal process is provided whereby the student, after receiving notification of the Academic Grade Appeal Committee’s decision, may file a request for review with the Office of the Provost. The Provost, acting as a representative of the University President, shall render a final decision. Copies of the Provost’s final decision shall be provided to the student, the College Dean, the Academic Grade Appeal Committee Chair, the department chair, the University Registrar, and the course instructor within 10 days of receipt of the student’s request for renewal.

For additional grade appeal procedures, refer to the Student Guidebook.

Honors Recognition for GPA

President’s List. Undergraduate students completing at least 12 hours of class work in regularly graded courses (excluding S/U graded courses) taken at FGCU during a term with a grade point average of 4.0, will be eligible for President’s List recognition. Eligible students will receive written recognition from the university president.

Dean’s List. Undergraduate students completing at least 12 credit hours of regularly graded coursework (excluding S/U graded courses) completed at FGCU during a term with a grade point average of 3.5 to 3.99 will be eligible for Dean’s List recognition. Students will be notified in writing of this recognition by the appropriate academic dean.

Undergraduate Honors. Baccalaureate candidates must have an overall GPA of 3.50 (on a 4.0 scale) for all coursework attempted at FGCU to be considered for honors. Honors achieved will be annotated on the student’s diploma and transcript.

- Candidates with a GPA of 3.50-3.70 shall receive a designation of cum laude (with honors).
- Candidates with a GPA of 3.71-3.89 shall receive a designation of magna cum laude (with higher honors).
- Candidates with a GPA of 3.90 or above shall receive a designation of summa cum laude (with highest honors).

Each dean has the option of selecting on the basis of exceptional achievement, students to be graduated with distinction.

Honors at Commencement. Baccalaureate students with an outstanding academic performance at FGCU will be honored at commencement. Honors will be based on the cumulative GPA as of the semester prior to graduation.

Name Change

Official name change forms are available through the Office of the Registrar or the web site. Requests must be submitted in order to change a legal name on the student record. Copies of documents (i.e., marriage certificate, divorce decree, etc.) noting the legal name change must be submitted with the request. Students requesting a name change and reissue of diploma will be responsible for the cost of the new diploma. Name change requests from non-enrolled students will not be honored.

Reclassification of Residency for Tuition Purposes

Matriculated students (admitted to and enrolled at the university) who are classified as non-Florida residents for tuition purposes and who believe they may qualify for in-state tuition, may submit a Residency Reclassification to the Office of the Registrar. Supporting documentation is required to substantiate in-state residency for tuition purposes. For more information on qualifying for in-state tuition, refer to the Tuition and Fees section of this catalog.

If denied Florida residency for tuition purposes by the Office of the Registrar, the student may submit a written appeal to the Residency Committee. The decision of the Residency Committee will be mailed to the student and considered final.

Repeat Course Surcharge

Rule 6C-7.001, Florida Administrative Code, states that each student enrolled in the same undergraduate course more than twice, shall be assessed an additional fee per credit hour for each repeated course. For example, if a course is repeated twice a student will be assessed the surcharge for the third and subsequent attempt. The fee will be published each semester and assessed at the time of registration. Only courses repeated at FGCU will count in attempts. Transfer coursework will not count in the repeat calculation. Grades of W and WF earned at FGCU will count when figuring attempts.

In accordance with Florida Statute 240.124, students may petition for the surcharge to be waived based on extenuating circumstances or financial hardship. Extenuating circumstances are those circumstances determined by the university to be exceptional and beyond the control of the student and may include but are not limited to: serious illness; documented medical condition preventing completion; death of immediate family member; involuntary call to active military duty; other emergency circumstances or extraordinary situations. Students who withdraw or fail a class due to extenuating circumstances may be granted an exception only once for each class.

The criteria used for determining financial hardship will include, but not be limited to, qualification for federal need-based financial aid. Students with other documented financial hardships may also be considered.

Request forms are available in the Office of the Registrar. All requests to waive the repeat surcharge fees must be submitted to the Fee Appeals Committee, within six months after the end of the term for which the fees were assessed. There are no exceptions to this policy. The decision of the Fee Appeals Committee is final in accordance with Rule 6C10-7.001 (11) (c).

Residency Requirement for Graduation

At least 25 percent of coursework for the degree must be earned at FGCU. Thirty (30) of the last 60 hours must be earned at FGCU to receive a baccalaureate degree from FGCU.

Semester System

Florida Gulf Coast University operates on a semester system. Each semester hour represents the equivalent of one instructional period of 50 minutes in length. The fall and spring semesters are 15 weeks in length (including one week of final exams). The fall semester begins in August and ends in December and the spring semester begins in January and ends in April. The summer semester typically has three terms: Term A is a 6-week term that begins in May and ends in June; Term
B is a 6-week term that begins in June and ends in August; and Term C is a 10-week term that begins in May and ends in July. Additional mini-terms of varying weeks of length may be held in any semester.

Senior Citizen Tuition Waivers
Senior citizen tuition waivers are available to persons 60 years of age or older who meet the requirements of Florida residency. The waiver allows qualified individuals to attend credit classes on a space-available, audit basis. Audit courses receive a grade of “X” which carries no college credit. Senior citizens using waivers must register the last day of late registration, as published in the Academic Calendar.

Student Classifications
Undergraduate (freshman, sophomore, junior, and senior) students are classified on the basis of semester hours satisfactorily earned. Freshman: 0 through 29 semester hours. Sophomore: 30 through 59 semester hours. Junior: 60 through 89 semester hours. Senior: 90 or more semester hours, prior to completing baccalaureate requirements. Post-baccalaureate: Any student who is enrolled in a course, regardless of course level, who has a baccalaureate degree, is not working toward another baccalaureate degree, and has not been admitted to a graduate program. Graduate: Any student enrolled in a graduate course (5000-6000 level) who has been admitted to a graduate program. Audit: Any student registered for any credit course on an audit basis. No credit is received for courses taken on an audit basis. A grade of X will be assigned to audit coursework.

Student Holds
Holds may be placed on a student’s account, records, transcript, grades, diplomas or registration because of financial or other obligations to the university. Satisfaction of the obligation is required prior to the release of the hold by the office having authority.

Student Records
The university has designated the Office of the Registrar as the official custodian of student records. Information provided by a student to an institution pertaining to his or her record may be considered a student education record. A student has the right to review such information maintained in his or her educational record and to seek amendments or in certain cases append a statement to the record.

Information contained in a student’s education record becomes the property of the university and will not be released or copied to the student or a third party. A third party shall be defined as anyone other than the student. Parents, legal guardians, spouses, employers, external agencies, etc. are considered third parties and do not have permission to access a student education record without written consent from the student. There are exceptions the university can apply to this policy.

The Office of the Registrar is responsible for ensuring the confidentiality of all student records. The Federal Family Educational Rights and Privacy Act (FERPA) of 1974 guarantees students the right to protect information that is not classified as directory information by federal law and university policy. For more information concerning FERPA and student records, refer to the FERPA section of this catalog, or contact the Office of the Registrar. (See also Directory Information.)

In the event of an unintentional release of student records due to unauthorized access, the University will notify via email all potentially affected students of the unauthorized release.

Summer Enrollment Requirement
Undergraduate students entering FGCU with fewer than 60 semester hours of credit must earn at least 9 semester credit hours prior to graduation by attending one or more summer sessions at a State University System member institution.

The university may waive the application of this rule in cases of unusual hardship. A student who wishes to have the rule waived must submit a written request to the student’s college dean for a decision. The college will send written notification to the student and student’s academic advisor.

Any student who earns 9 or more credits from one or more acceleration mechanisms is exempt from the summer enrollment requirement.

Transcripts
Transcripts are released only with written authorization from the student. Email, telephone and fax requests for official transcripts will not be accepted. Transcripts will not be released for students who have a financial obligation to the university.

A transcript request must include the student’s full name, university identification number (UIN), and signature along with the names and complete addresses of transcript recipients. If grades or degree statement for the current semester are needed, the student should indicate that the transcript request is to be held until the final semester grades and/or degrees are posted. To reflect a complete academic record for undergraduate and graduate students, the university will issue only complete transcripts. At the end of each term of enrollment, students are responsible for requesting transcripts for reimbursement purposes.

A $10 fee is charged for each official transcript requested. There is no charge for unofficial transcripts. Graduating students receive one official transcript, free of charge, with their diplomas. Transcript request information can be obtained from http://enrollment.fgcu.edu/registration/tran.html. Transcript request forms may be printed from the web http://enrollment.fgcu.edu/registration/forms.html. Transcripts may be requested through Gulfline at http://gulfline.fgcu.edu.

Transient Student
Transient students are students who attend FGCU for only one term before returning to their home institutions. These students enroll at FGCU as non-degree-seeking students. A transient student from another Florida university can facilitate FGCU registration by obtaining a Transient Student Form from the home institution. The $30 application fee is waived for transient students from other State University System institutions. Contact the Office of the Registrar for more information at ORR@fgcu.edu

Veterans’ Educational Benefits
Florida Gulf Coast University is approved for the education of veterans, eligible dependents, members of the selected reserve, and active-duty personnel who are eligible for benefits under public laws now in effect. All degree programs currently offered at FGCU are approved by the State of Florida, Bureau of State Approving for Veterans’ Training. Additionally, some programs offered by the Center for Leadership and Innovation are approved. Under the current Veterans Educational Assistance Programs, which affect most veterans, the veteran receives an allowance directly from the government. The veteran is responsible for paying tuition and fees directly to the university and meeting payment deadlines applicable
to all students. The Veterans Administration (VA) will make full payment only when the student carries a full academic load. To facilitate the prompt and accurate reporting of the student’s status and course load, the veteran must inform the Office of the Registrar of his or her enrollment intent prior to the beginning of each semester. Changes in enrollment status made after the last day to add courses must be reported immediately. Veteran’s previous education and training will be evaluated and appropriate credit granted with training time shortened, tuition reduced proportionately and with VA and the veteran so notified.

To be eligible for full-time VA benefits, degree-seeking undergraduates must enroll for 12 or more semester hours, and degree-seeking graduate students must enroll for nine or more semester hours each academic semester. VA regulations require that students take only courses that are applicable towards their degree program or other approved program and they must make satisfactory progress towards their degree. Students receiving educational veterans’ benefits are allowed no more than two probationary/warning terms. If a veteran reaches this point, their benefits will be terminated for failure to achieve satisfactory progress. Additionally, the veteran student should have achieved the GPA (2.0, undergraduate and 3.0 graduate) required for graduation by the mid-point of their program. VA benefits will be terminated for students who are dismissed for academic or disciplinary reasons and can only be reinstated after academic counseling.

It is the student’s responsibility to remain in good standing with the VA and to respond to notification of changes in regulation. The VA toll-free telephone number is 1-888-442-4551.

Withdrawal
Withdrawal is the formal process of leaving the university during a term. Dropping all classes does not constitute formal withdrawal from the university. A formal withdrawal can be initiated by submitting a Withdrawal Application in person, by mail or fax to the Office of the Registrar. Withdrawal Applications are available on the web http://enrollment.fgcu.edu/registration/forms.html.

Students who formally withdraw from the university by the “last date to withdraw without academic penalty,” as published in the Academic Calendar, will receive a grade of W in each course. Students who withdraw after the published “last date to withdraw without academic penalty” will receive a grade of WF in each course. A student who withdraws may not continue to attend class. Requests for appeals to the withdrawal policy should be submitted in writing with appropriate documentation to the appropriate college.

Formal withdrawals from the university will not be considered when applying individual course drop limitations (see also Adding or Dropping a Course).

Military Call to Active Duty Policy
When a student is called for active military duty during a term in which s/he is enrolled, the eligible student may elect the following:

1) Completely withdraw from the University without academic penalty. In order to qualify for this option, a student must elect to completely withdraw from the University.
   • The student must complete a Withdrawal Application and Fee Adjustment Request forms and provide a copy of his/her active duty orders to the Office of the Registrar. Orders will serve as supporting documentation for the refund of tuition and fees.
   • The Fee Adjustment form will be submitted to the Fee Ap-
FINANCIAL AID AND SCHOLARSHIPS

The university offers a comprehensive program of financial assistance for both traditional and non-traditional students pursuing undergraduate and graduate degrees. The Financial Aid and Scholarships Office helps students secure the necessary funds to pursue their educational goals and offers information to enrolled and prospective students about the availability of financial assistance.

The Financial Aid and Scholarship Office administers grants, scholarships, loans, and student employment programs to assist students in paying for their educational expenses.

Financial aid awards will not be processed until a student has been admitted to a degree program or eligible certificate program. Non degree-seeking students are not eligible for financial aid, with the exception of approved students who enroll in the teacher certification program.

Confidentiality of Student Information

The university ensures the confidentiality of student records in accordance with State University System rules, state statutes, and the Family Education Rights and Privacy Act (FERPA) of 1974, known as the Buckley Amendment. Family financial information and the type and amount of aid that each student is offered and receives are held in confidence. Written consent from the student is required for release of information to a third party.

Applying for Financial Aid

Students should complete the Free Application for Federal Student Aid (FAFSA) each academic year on the internet at www.fafsa.ed.gov. When the student completes the FAFSA, FGCU should be included among the colleges to which the application information is reported. When the FAFSA is processed, FGCU will receive an electronic record of the student's application information. The student may be required to provide additional documentation to the Office of Financial Aid to verify the application information or to clarify any discrepancies in the application information. Financial aid applicants and the parents of dependent student applicants are encouraged to get a PIN from the U.S. Department of Education at www.pin.ed.gov, which can be used as an electronic signature when the FAFSA is completed. Use of a PIN greatly speeds the processing time of the FAFSA.

Estimated Costs of Attendance

Each year FGCU develops student expense budgets (cost of attendance), using U.S. Department of Education guidelines. These are used to determine students' financial need at FGCU. Students expense budgets include approximate tuition and fee costs as well as allowances for the cost of books and supplies, transportation, food, housing and personal expenses. These expense budgets represent the maximum amount of financial aid that students may receive from all sources, including student loans. They are based on full-time attendance (both Fall and Spring).

Undergraduate Student Cost of Attendance – based on an undergraduate student taking 15 credit hours per term for two terms. Expenses and fees are subject to change.

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<tr>
<th>2007-08</th>
<th>Florida Resident</th>
<th>Non-Florida Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Fees</td>
<td>$3,738</td>
<td>$16,260</td>
</tr>
<tr>
<td>Room and Board</td>
<td>$8,151</td>
<td>$8,151</td>
</tr>
<tr>
<td>Transportation</td>
<td>$1,440</td>
<td>$1,440</td>
</tr>
</tbody>
</table>

EST. TOTAL COST $15,679 $28,201

Graduate Student Cost of Attendance – based on a graduate student taking 9 credit hours per term for two terms. Expenses and fees are subject to change.

<table>
<thead>
<tr>
<th>2007-08</th>
<th>Florida Resident</th>
<th>Non-Florida Resident</th>
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<tbody>
<tr>
<td>Tuition and Fees</td>
<td>$4,357</td>
<td>$16,200</td>
</tr>
<tr>
<td>Room and Board</td>
<td>$8,151</td>
<td>$8,151</td>
</tr>
<tr>
<td>Transportation</td>
<td>$1,440</td>
<td>$1,440</td>
</tr>
<tr>
<td>Books and Supplies</td>
<td>$950</td>
<td>$950</td>
</tr>
<tr>
<td>Personal Expenses</td>
<td>$1,400</td>
<td>$1,400</td>
</tr>
</tbody>
</table>

EST. TOTAL COST $16,298 $28,141

Eligibility Criteria for Federal Financial Aid (both Need-based and Non Need-based)

To qualify for federal student financial aid, the student must meet the following basic eligibility requirements:

• Be a U.S. citizen or eligible non-citizen
• Be registered with the Selective Service System, if required
• Not be in default on a federal student loan, or owe a repayment of a federal student grant received at any institution
• Be enrolled as a regular student in an eligible program of study; and
• Maintain satisfactory academic progress.

Need-Based Financial Aid

Need-based financial aid is awarded to students who demonstrate their need for financial assistance based on information that is reported by the student (and their family) on the FAFSA. Financial need is defined as the difference between the estimated cost of attendance and the Expected Family Contribution (EFC) which is the amount the student and his or her family can reasonably be expected to contribute towards the student's educational expenses. A federally approved formula is used to calculate the EFC and considers the income, assets of the student and family (excluding primary residence), number of persons in the household and number in college, taxes paid, and other relevant factors that are reported on the FAFSA. Students applying for aid by the priority deadline of March 1 will maximize aid consideration, although it is advisable to apply as soon after January 1 as possible.

There are three kinds of need-based aid:

Grants are gift aid, and they do not need to be repaid. Grants include:

Federal Pell Grants for eligible students pursuing their first baccalaureate degrees. The amount of a Federal Pell Grant award depends on the student's EFC as well as the student's enrollment status each semester. The maximum award for 2007-08 is $4,310.

Federal Supplemental Opportunity Grants (FSEOG) for students with extraordinary financial need. Federal Pell Grant recipients receive priority consideration. Awards can range from $100 to $4,000. The typical FSEOG award at FGCU does not exceed $500 each year.

Florida Student Assistance Grants for eligible Florida residents pursuing first baccalaureate degrees and who are enrolled full-time. The Florida Department of Education, Office of Student Financial Assistance, determines eligibility.
Awards based on financial need range from $200 to $1,722 or as specified in the General Appropriations Act. Priority application deadline is March 1. Awards for part-time students (enrolled at least half-time) may be available, as funding permits.

First Generation Matching Grant (FGMG)
The First Generation Matching Grant Program (FGMG) provides need-based grants to undergraduate students who are enrolled in state universities and whose parents have not earned baccalaureate degrees. Available state funds are contingent upon matching contributions from private sources on a dollar-for-dollar basis. The Office of Financial Aid ranks all eligible applicants on the basis of financial need, determine the award amount of $1,000 is prorated based on the enrollment status. The student should satisfy the following eligibility criteria for this grant:

- The student will meet Florida’s residency requirements for receipt of any state financial aid by maintaining Florida residency for purposes other than education for a minimum of 12 consecutive months prior to the first day of class of the academic term for which funds are available.
- Not owe a repayment under any State, Federal Grant or Scholarship Program unless satisfactory arrangements to repay have been made.
- Not be in default on any Federal Title IV or State Student Loan Program or satisfactory arrangements to repay have been made.
- Previously have not earned a baccalaureate degree. Be a first generation college student. (Note: A student is considered “first generation” if neither of the student’s parents earned a college degree at the baccalaureate level or higher)
- A student would also be eligible if he/she regularly resided with and received support from only one parent who did not earn a baccalaureate degree.
- Enroll for a minimum of 6 credit hours per term as a degree-seeking undergraduate student.
- Complete the Free Application for Federal Student Aid (FAFSA) to demonstrate financial need.
- Starting 2007-2008 academic year, submit the Application for Foundation Scholarships.

Florida Gulf Coast University Grants

Florida Gulf Coast University Grants for eligible students who are enrolled at least half-time and who are pursuing first baccalaureate degrees. Award amounts are based on need and enrollment status. Priority consideration deadline is March 1.

Academic Competitive Grant Program
Eligible students may receive an Academic Competitive Grant (ACG) of $750 for the first academic year of study and $1,300 for the second academic year of study. The amount of the student's grant, in combination with the student’s Federal Pell Grant assistance and other resources and estimated financial assistance, may not exceed the student’s financial need. Eligibility includes full-time undergraduate status, Federal Pell Grant recipient, and completion of a rigorous secondary school program of study. Second-year students must have at least a cumulative 3.0 grade point average for the first academic year and earned a total of 30 credit hours.

National SMART Grant Program
Eligible students may receive a National SMART Grant of $4,000 for each of the third and fourth academic years of study. The amount of the student’s grant, in combination with student’s Federal Pell Grant assistance and other resources and estimated financial assistance, may not exceed the student’s financial need. Eligibility includes full-time undergraduate status, eligibility for a Federal Pell Grant, a minimum cumulative 3.0 grade point average in the coursework required for the student’s major, and pursuit of a degree in physical, life or computer science, engineering, mathematics, technology, or a critical foreign language.

Loans
Loans are funds borrowed from a bank or a lending institution and must be repaid. Florida Gulf Coast University participates in the Federal Family Education Loan (FFEL) Program.

Subsidized Federal Stafford Loans
Subsidized Federal Stafford Loans are available to undergraduate and graduate students enrolled at least half time. See the section in this catalog on Federal Stafford Loan Information, which follows in this section of the catalog.

Employment Opportunities
Employment opportunities place students in part-time jobs with FGCU. Federal Work Study employment provides part-time jobs to eligible students who are enrolled and pursuing a degree. Graduate students and students pursuing a second undergraduate degree may also qualify for Federal Work Study. Students may work up to 20 hours per week while classes are in session and 40 hours per week during school breaks. Limited funding requires application by the priority deadline of March 1.

Non Need-Based Financial Aid
Unsubsidized Federal Stafford Loans are available to undergraduate and graduate students enrolled at least half time. See the section in this catalog on Federal Stafford Loan Information, which follows in this section of the catalog.

Federal Parent Loans for Undergraduate Students (PLUS)
Federal Parent Loans for Undergraduate Students (PLUS) are available to parents of dependent undergraduate students enrolled at least half-time. The yearly loan maximum is equal to the cost of education less any financial aid received by the student for the academic year. Interest rates may change July 1st of each year. The new interest rates for each year can be found on the financial aid website or by contacting your lender. Repayment of principal and interest begins 60 days after the final loan disbursement for the academic year. Dependent students who file the FAFSA can request a Federal PLUS loan which their parents may choose to accept. Directions on how to apply for a Federal PLUS Loan are included with the student’s award notice.

Federal PLUS Loans for Graduate and Professional Students
Federal PLUS Loans for graduate and professional students enable graduate and professional students with good credit histories to borrow federal loan funds to pay a portion of their educational expenses if the students’ cost of attendance, less other aid and resources, exceeds the maximum annual Federal Stafford Loan limit. Graduate and professional students are first required to have applied for their annual maximum loan eligibility in subsidized and unsubsidized Federal Stafford Loans before applying for PLUS loans.

Merit-based aid
Merit-based aid in the form of scholarships is awarded on a competitive basis to students with special skills, talents, characteristics, or abilities. A complete list of all scholarships and requirements may be found on FGCU’s web site at www.fgcu.edu/foundation. The FGCU Foundation scholarship application is available on-line from our Financial Aid homepage at www.fgcu.edu/AS/financialaid. Please be sure to check this link for priority deadlines and additional scholarship information.

Federal Stafford Loan Information
There are two kinds of FFEL Program loans available to FGCU students: subsidized Federal Stafford Loans and unsubsidized Federal Stafford Loans. A subsidized loan is awarded on the basis of financial need. If a student qualifies for a subsidized loan, the federal government pays interest on the loans (“subsidized” the loan) until repayment begins and during autho-
Satisfactory Academic Progress

Federal regulations require students to demonstrate satisfactory academic progress in order to receive financial assistance. Students who fail to maintain minimum standards of satisfactory progress may lose eligibility. Measures of academic progress include:

Stafford Loan Eligibility/Limits

| Total Dependent Student Annual Limits: | Freshmen (0-29 credits) | $3,500 |
|Sophomore (30-59 credits) | $4,500 |
|Junior: (60-89 credits) | $5,500 |
|Senior: (90 credits and above) | $5,500 |
|Total Independent Student Annual Limits: | Freshmen (0-29 credits) | $6,625 |
|Sophomore (30-59 credits) | $7,500 |
|Junior (60-89 credits) | $10,500 |
|Senior (90 credits and above) | $10,500 |
|Graduate: | $20,500 |
|Aggregate Loan Limits: | Dependent Undergraduate: $23,000 |
|Independent Undergraduate: $46,000 (only $23,000 can consist of subsidized loans) |
|Graduate Student: $138,500 (only $65,500 can consist of subsidized loans) |

The amounts reflected are for a full academic year.

For periods of undergraduate study that are less than an academic year, the amounts that can be borrowed may be less than those listed above. Federal Stafford Loans are not offered to undergraduates enrolled in programs that are less than one-third of an academic year.

Interest rates may change every July 1st, however Stafford Loan interest rates cannot exceed 8.5%.

Refund and Repayment Policies

Refunds: If a recipient of federal student aid withdraws during a payment period (or a period of enrollment), the institution must calculate the amount of federal student aid the student did not earn. Unearned federal student aid funds must be returned to the U.S. Dept. of Education or the designated lender. In addition, the student will be responsible for any institutional charges that result from the return of the federal student aid funds.

Repayment: If the student withdraws from the university after receiving financial student aid funds, he or she must repay a specified percentage of the aid received, since the funds were awarded to help meet educational costs for an entire term of enrollment. The repayment amount is based on the percentage of time elapsed in the term. Proof of attendance plus proof of last day of attendance will be required of any student who completes a semester with zero credit hours earned. If such proof is not submitted by the allotted timeframe, the student will owe a repayment of ALL funds received for the semester.

Qualitative Measure of Progress. Undergraduate students must maintain a cumulative GPA of at least 1.80 for continued eligibility. Undergraduate students who have earned 30 credits or more must maintain a cumulative GPA of at least 2.0 for continued eligibility. Graduate students must maintain a cumulative 3.0 GPA for continued eligibility.

Quantitative Measure of Progress. At the end of each term all students must have earned a minimum of 70 percent of the cumulative credit hours attempted including credit hours for courses from which the student withdrew without refund.

Time Frame. The time required to complete a degree cannot exceed 150 percent of the published program length. (For example, a student enrolled in a program requiring 120 credit hours to complete would be ineligible for aid after attempting 180 total credit hours. All attempted hours from all institutions attended would be counted, even periods during which a student did not receive aid. No exceptions will be granted for students who change majors or pursue multiple degrees.

Students who fail to meet SAP standards will be placed on financial aid probation or suspension. Any student who withdraws completely, or receives all F’s, W’s or I’s will automatically be suspended from aid, regardless of the reason for not completing the hours. If there are extenuating circumstances, students may petition for reinstatement. Please refer to the Financial Aid website for more SAP information.

Any student who completes 0 hours in a term may have to repay part or all of the aid received.

Note: Satisfactory Academic progress is applicable to students who receive financial assistance (or may receive financial assistance in the future). All students, regardless of financial aid status, are required to meet FGCU’s Academic Standing Policy. For more information on FGCU’s Academic Standing Policy, refer to the Academic Policies and Procedures section.

Taxable Financial Aid

Under the law, certain types of financial assistance, such as grants, scholarships, and fellowships, have limitations to the amount that can be excluded from the student’s reported income for tax purposes. Keep accurate records of the aid received and check with an expert in tax laws to complete income tax returns properly.

Graduate Assistantships

Graduate assistantships may be available through individual college departments. Contact the appropriate department chair.

Undergraduate Admissions Scholarships

All admitted undergraduate students. (First-Time-In-College and Transfer students), will automatically be considered for the Office of Admissions for merit scholarships. These awards are made by the Office of Admissions and are awarded to students based on academic merit. A separate application is not required. Students should meet the early scholarship consideration application deadline as published on the university’s web site in order to be considered for an Undergraduate Admissions Merit Scholarship.
Foundation Endowed Scholarships

Advancement Trust Fund
Alico, Inc. Scholarship Fund
Alico, Inc. Scholarship Fund1
American Association of University Women Endowed Scholarship Fund
Anonymous Scholarship Fund1
Bank of America Endowed Scholarship Fund
Bank of America Florida’s Community Scholars Program
Corporal Alfredo Bafios Scholarship Fund1
William and Kathryn Beeken Scholarship Fund1
Jean S. Benson Scholarship Fund1
August and Elizabeth Beran Family Scholarship Fund1
Bickel Family Scholarship Fund – In Memory of Jean M. Bickel
Blais, Case, Catti, D’Alessandro, Lucas, and Manone Families Scholarship Endowed Fund
Susan and Donald Blanchard Engineering Scholarship Fund
Blue Cross and Blue Shield of Florida Nursing Scholarship Fund
Bona Vista Area Chamber of Commerce Scholarship Fund1
The Brooks Foundation Endowed Scholarship Fund
The Mrs. Bunny Foundation Scholarship Fund1
Jackson Burgess Endowed Scholarship Fund
The Zelda Butler Memorial Scholarship Fund
Pat and Laura Cacho Family Scholarship Endowed Fund
The Caloosahatchee Chapter of the National Society of the Daughters of the American Revolution Endowed Scholarship Fund
Ruth M. and Cleveland L. Campbell Engineering Scholarship Fund1
Cape Coral Rotary Foundation Endowed Scholarship Fund1
E. Odell Carlton and Golda Carlton Scholarship Fund1
Centex Rooney Construction Company, Inc. Endowed Scholarship Fund
Charlotte Community Foundation Endowed Scholarship Fund1
Charlotte Regional Medical Center Scholarship Fund1
Coastal Village Endowed Scholarship Fund
Brian and Denise Cobb Endowed Scholarship Fund
Harvey D. and Janet G. Cohen Scholarship Fund
College Club Apartments Endowed Scholarship Fund
Barron and Dana Collier Scholarship Fund
Gregory and Angela Valvo Collins Endowed Scholarship Fund
Colonial Bank Endowed Scholarship Fund
Communication Scholarship Fund
Community Health Association Scholarship Fund1
Jack and Betty Conner Endowed Scholarship Fund1
Jack and Betty Conner Fellowship Fund
Alan and Selma Cooper Endowed Scholarship Fund – In Memory of James Francis Cooper1
Coopers & Lybrand Endowed Scholarship Fund
Udoya N. and Irra R. Dash Scholarship Fund1
Betty Ann Denholtz Memorial Scholarship Fund1
Duffus Family Scholarship Endowed Fund
Mr. and Mrs. Warren H. Durling Scholarship
Edison Garden Club - Peggy Karkalits Scholarship Endowed Fund
Ruth L. Faith Endowed Scholarship Fund for Women in Mathematics
The FGCU Alumni Association Scholarship Fund
The Florida Institute of Certified Public Accountants, South Florida Chapter, Accounting Endowed Scholarship Fund
Paul and Aline Flynn Scholarship Fund
Fort Myers Women’s Network Endowed Scholarship Fund1
Friends of East County Regional Library Scholarship Fund1
[Formerly Lehigh Acres Public Library Association Scholarship]
Golden Apple Teacher Recognition Program™ Scholarship Fund
Graduate Business Association Endowed Scholarship Fund
Marvin and Helene Grahnick Scholarship Endowed Fund
Marvin and Helene Grahnick Scholarship Fund1
Greater Fort Myers Chamber of Commerce Scholarship Fund1
Carole Green Endowed Nursing Scholarship Fund1
John and Dorothy Guign Endowed Scholarship Fund1
Harvard Jolly Architects Endowed Scholarship Fund1
Florence Hecht Endowed Scholarship Fund
Heidt & Associates, Inc., Engineering Scholarship Endowed Fund
Dr. Denise Heinemann Nursing Scholarship Fund1
Henderson, Franklin, Starnes & Holt, P.A. Scholarship Fund1
Barbara and Joe Marlin Hilliard Scholarship Fund
Joe A. and “Tippy” Hilliard Scholarship Fund
Hillmyer-Tremont Endowed Scholarship Fund1
Hispanic Council of Southwest Florida Endowed Scholarship Fund – In Memory of Mary Giglia Johnson1
Ruth and Burtt Holmes Endowed Scholarship Fund1
David and Beth Howard Tennis Management Program Endowed Scholarship Fund
Mary Frances Howard Nursing Scholarship Fund1
W. Thomas Howard/Gannett Foundation Scholarship Fund1
Muriel K. Hudson Endowed Nursing Scholarship Fund
William J. and Lillian S. Hudson Endowed Scholarship Fund
Idelson Family Endowed Scholarship Fund
India Association of Fort Myers, Inc. Scholarship Fund
Johnson Engineering Endowed Scholarship Fund
Melissa C. Johnson Nursing Scholarship Fund
Dr. Melvyn J. Katzen Endowed Scholarship Fund1
Pop and Marj Kelly Scholarship Fund
Kelly Foundation Scholarship Fund1
Mabel and Arnold Keys Memorial Endowed Scholarship Fund
Kiwanis Club of Cape Coral Scholarship Fund
Kiwanis Club of Lehigh Acres Endowed Scholarship Fund1
Klein Family Scholarship Fund – In Memory of Viola Odenheimer1
James F. and Lynn E. Knupp Scholarship Endowed Fund
John Kontinos Endowed Scholarship Fund
The Kraft Construction Company Scholarship Fund1
The Kraft Construction Company Scholarship Fund1
Laboda Family Endowed Scholarship Fund1
Lambros Family Scholarship Fund1
Sanford Lawton, Jr. Endowed Scholarship Fund
Silver Anniversary/Lee County Electric Cooperative Inc. Endowed Scholarship Fund
Lee Memorial Health System Endowed Scholarship Fund
Veora and John R. Little Alumni Scholarship Endowed Fund
Professor and Mrs. E. L. Lord Endowed Scholarship Fund - Given by Richard W. and Esther A. Shaughnessy
Dorothea Low Endowed Scholarship Fund – In Memory of George E. Low1
Scott Howard Malnak Memorial Scholarship Fund1
Donald and Elizabeth Manchester Scholarship Fund
Meftha Foundation Fund
Meftha Foundation Scholarship Fund1
Edward R. Melton Scholarship Fund
William C. and Debra L. Merwin Scholarship Fund for Leadership Development
Mirovar Endowed Scholarship Fund1
Moorings Park Foundation Scholarship Fund at FGCU
Moseley Title Foundation Endowed Scholarship Fund
Munters Corporation Endowed Scholarship Fund
Naples Women in Transition Scholarship Fund1
Newman Oil Scholarship Fund
News-Press Publishing Company Scholarship Fund
Occupational Therapy Advisory Council Endowed Scholarship Fund1

1 State of Florida Ethics in Business Scholarship Program
Charleen Belcher Olliff Endowed Scholarship Fund
Oswald, Tripe & Company, Inc. Endowed Scholarship Fund
The Thelma B. and Edwin M. Oulton Scholarship Fund
Owen-Ames-Kimball Company Endowed Scholarship Fund
Jane Foster and C. B. Pate Scholarship Fund
Periwinkle Garden Club Scholarship Fund
The Chesley Perry Endowed Scholarship Fund/Fort Myers Campus
Phi Beta Kappa Association of Southwest Florida Endowed Scholarship Fund
John E. and Aliese Price Foundation Scholarship Fund
Elizabeth Rash Endowed Scholarship
Real Estate Investment Society Endowed Scholarship Fund
SW Florida RIMS Chapter Scholarship Fund
Riverwoods Plantation Endowed Scholarship Fund
Kellie Jean Robinson Memorial Scholarship
Joyce and Emory H. Rogaski Endowed Scholarship Fund
Joyce Rogaski Graduate Fund
Rotary Club of Sanibel-Captiva Endowed Scholarship Fund
– In Memory of William Angst
Rotary Foundation of Fort Myers South Endowed Scholarship Fund
Douglas R. St. Cerny Endowed Scholarship Fund
George Sanders, Jr. Endowed Scholarship Fund
Sanibel-Captiva Trust/Schubert Scholarship Fund
Schultz, Chaipel, Redovan, Baker & Co., LLP Scholarship Fund
Schwab Ready Mix Endowed Scholarship Fund
Scripps Howard Foundation Scholarship
Susan Price Shrader Memorial Scholarship Endowed Fund
George M. and Mabel H. Slocum Foundation Endowed Scholarship Fund
William W. and Joan K. Slocum FGCU Scholarship Fund
Grace Johnston Sneckenberger Endowed Scholarship Fund
Southwest Florida Chapter, P.G.A. Endowed Scholarship Fund
Southwest Florida Water Environment Association Scholarship Endowed Fund
Emma and C. Gilbert Spies Scholarship Fund
Robin and Duane Stranahan, Jr. Scholarship Fund
Margaret and Peter Sulick Endowed Scholarship Fund
Margaret and Peter Sulick Endowed Scholarship Fund
THA (Tom Haggai & Associates) Foundation Scholarship Fund
Linda and Bob Taylor Endowed Scholarship Fund
Ronald L. & Teresa R. Thatcher Endowed Scholarship Fund
– In Memory of Lucretia Nichols
Town and Gown Endowed Scholarship Fund
United Christian Giving Scholarship Fund #11
United Christian Giving Scholarship Fund #21
United Christian Giving Scholarship Fund #31
United Christian Giving Scholarship Fund #41
US Sugar Endowed Scholarship Fund
George C. Van Rhee Scholarship Fund
Mary D. Van Slyke Memorial Scholarship Fund
Dolph and Sharon von Arx Fellowship Fund
Wachovia Foundation Scholarship Fund
Wachovia Foundation Scholarship Fund [Formerly SouthTrust Bank Endowed Scholarship]
Leah Walden Endowed Nursing Scholarship Fund
Lori Johnson Wallace Memorial Scholarship Fund for Music Pedagogic Excellence
Cecile Liston Wang Endowed Scholarship Fund
Robert A. Weiss, Jr. Memorial Scholarship Fund
Steve and Rose Wilhelm Family Scholarship
Thomas and Donna Williams Scholarship Fund – In Memory of Wilma Gestefeld
Thomas and Donna Williams Scholarship Fund – In Memory of Florence Williams
Dr. Gerald C. Wrobel Memorial Scholarship Fund
Zonta Endowed Scholarship Fund
Zonta for Women (Ethics) Scholarship Fund

1 State of Florida Ethics in Business Scholarship Program
TUITION, FEES, AND REFUNDS

Students are assessed tuition and fees based on rates and policies established by the State Board of Education, the Florida Legislature, and the University Board of Trustees. Tuition, fees, and the terms and conditions relating to the payment of tuition and fees, including cancellation of classes and requests for refunds, are subject to change without notice.

Students should review their Gullfline account to verify the accuracy of the information and charges. At the time of payment, the student should also review the payment receipt to verify that the payment was correctly posted and to verify the accuracy of any outstanding charges owed or arrangements noted.

Registration fees for course audits are the same as for resident fees. There is no ceiling (maximum) on the amount which a student may be assessed for a single term. Lab fees may be charged on certain courses. Consult the Registration Guidebook to locate the courses that require lab fees and the amount. Fees are subject to change as permitted by law. Additional fees may be added and special purpose fees may be assessed in some instances.

The following fees and charges are based on proposed rates; however, since the catalog must be published in advance of its effective date, it is not always possible to anticipate changes and the fee schedule may be revised. Every effort will be made to publicize changes in advance of the registration date for that semester.

Tuition and Fee Schedule

Tuition is defined as fees assessed to students for enrollment in credit courses at the university. Tuition is assessed according to resident or non-resident student classification and undergraduate or graduate course classification. Undergraduate level courses are numbered 1000 through 4999, and graduate level courses are numbered 5000 and above.

Per Credit Hour Fees

Tentative rates for 2007-2008 academic year are shown.

<table>
<thead>
<tr>
<th>Course Level</th>
<th>Florida Resident</th>
<th>Non-Florida Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>$116.66</td>
<td>$514.05</td>
</tr>
<tr>
<td>Graduate</td>
<td>$228.52</td>
<td>$849.63</td>
</tr>
</tbody>
</table>

Athletic Fee $2.00

Rates for 2007-08 are subject to change and are pending Board of Trustees approval.

The athletic fee shall not be included in calculating the amount a student receives for a Florida Academic Scholars, Florida Medallion Scholars or a Florida Gold Seal Vocational Scholars award.

SPECIAL FEES, FINES, AND PENALTIES

Application Fee (initial): $30.00 for each application; not refundable.

Late Registration Fee: $100.00. This fee will be automatically assessed when the student registers after the established deadline for registration (see Academic Calendar).

Late Payment Fee: $100.00. This fee will be automatically assessed when fees are paid after the established deadline for payments (see Academic Calendar). If applicable, this fee will be assessed in addition to the late registration fee described above.

Official Transcripts: $10.00 per transcript. No charge for unofficial transcripts.

Orientation Fee: Freshman $35; Transfer $35

Eagle ID card fees: $5.00 per semester charge for fall and spring semesters for Eagle ID card services.

Repeat Course Surcharge: $161.70 per credit hour for each such course. Each student enrolled in the same undergraduate course more than twice, shall be assessed an additional per credit hour fee. (See Repeat Course Surcharge in the Registration and Records section for additional information.)

Returned Check Fee: State law requires that a service fee be assessed on a check returned unpaid by the bank for any reason. If the amount of the returned check is $50.00 or less, a fee of $25.00 will be assessed. If the returned check amount is more than $50.00 but less than $300.00 a fee of $30.00 will be assessed. If the returned check amount is above $300.00, a fee of $40.00 will be assessed or an amount of up to 5 percent of the face amount of the check, whichever is greater. Only cash, cashier’s check, or money order can redeem checks returned by the bank. A personal check will not be accepted to replace a dishonored check. In addition, a $100 late fee may be assessed for returned registration checks received after the payment deadline.

Vehicle Registration and Transportation Access Fees:

These fees are included in your tuition costs. Upon the payment of fees at the Cashier’s Office, you will receive a receipt (proof of payment). Your vehicle must be registered with Parking Services and registration isn’t complete until this is done. You may register on-line through “Gullfline,” via U.S. Mail, or in person with proof of payment. If paying by mail, please stop by the Parking Services Office in the Campus Support Complex and pick up the requisite documents. All motor vehicles must be registered with Parking Service with appropriate identifying information (tag number, state, vehicle make and color, etc.). Parking is on a first-come first-served basis. There is no fee for registering a bicycle, however, this must be registered if kept on campus.

LIBRARY FEES AND FINES

Regular loans, overdue: $0.25 per item per day.

Reserve loans, overdue: $0.25 per item per hour.

Replacement cost: $51.15 plus overdue fines.

Report lost library items immediately. For overdue items that have been lost, reporting the loss and making arrangements to pay for the replacement will stop further accumulation of overdue charges. Students who owe fines or replacement fees will not be permitted to register for classes or secure transcripts.

Account and Fee Payment

Fee payment deadlines are published in the Academic Calendar. Fees may be paid at the Cashier’s Office in person, by mail, or by credit card via gullfline. Fees paid by mail must be received by the Cashier’s Office on or before the published due date. The university is not responsible for cash left in the night depository or sent through the mail.

Personal checks are accepted for amounts due to the university. Checks for cash or above the amount due are not accepted. The university will not accept a check on any student’s account that has had two previous dishonored checks. Make checks payable to Florida Gulf Coast University and include the student’s ID number. Payments may be mailed to Florida Gulf Coast University, ATTN: Cashier’s Office, 10501 FGCU Blvd. South, Fort Myers, FL 33965-6565. Students may also use VISA, Master Card, Discover and American Express credit cards to pay for any charges on their account. Credit card payments are accepted at the Cashier’s windows or on the internet via gullfline.

Fee payment deadlines are strictly enforced. The university cannot extend the fee payment period beyond the time set in the official calendar. The university does not have the authority to waive late fees unless it is determined that the university...
is primarily responsible for the delinquency or that extraordinary circumstances warrant such waiver. Financial assistance is available to qualified students. Students who receive or are applying for financial assistance should contact the Financial Aid and Scholarships Office immediately upon notification of any delay in receipt of funds to ensure that arrangements are made to meet published payment deadlines.

Other fees, including but not limited to university housing rental, library fines, emergency loan fee, and health immunization charges, may be assessed on a student’s account and may be paid at the Cashier’s Office in person, by mail, or online via gulfline. Charges against students for loss or breakage of university equipment, books, fines and other related charges are due immediately. University policy prohibits registration or re-lease of transcript or diploma for any student whose account with the university is delinquent. The university reserves the right to assign any past due accounts to an outside agency for collection. When an account has been assigned, the collection agency fee will be added to the university charges for collection at the current contract rate.

Cancellation for Non-Payment
Students are liable for tuition and fees associated with all courses in which they are registered at the end of the drop/add period. The fee payment deadline is published in the Academic Calendar. Students who are not authorized for deferred payment of fees and who have not paid their tuition fees in full by the published dates will have all courses canceled.

Residency for Tuition Purposes
Tuition and fees at each member institution of the State University System of Florida are set by the Florida Legislature and from policies approved by the State Board of Education and the University Board of Trustees (UBOT). These fees are assessed on the basis of residency, i.e., enrolling students are classified either as “Florida” or “non-Florida” students. The following information is summarized from the Florida Statutes and from policies approved by the State Board of Education and the UBOT in establishing residency criteria.

To qualify as a Florida resident for tuition purposes, a student must:
• Be a U.S. citizen, permanent resident alien, parolee, Cuban national, Vietnamese refugee, or other refugee or asylee so designated by the U.S. Immigration and Naturalization Service; and
• Have established a legal residence in this state and maintained that legal residence for 12 months preceding the first day of classes of the term in which Florida residency classification is sought. The student’s residence in Florida must be as a bona fide domiciliary rather than for the purpose of enrollment in an institution of higher education, and should be demonstrated as indicated below (for dependent students, as defined by IRS regulations, a parent or guardian must qualify); and
• Submit the following documentation (or in the case of a dependent student, the parent must submit documentation) prior to the last day of the drop/add period for the term in which resident status is sought; along with a residency affidavit with the Office of Admissions:
  1) Documentation establishing bona fide domicile in Florida which is not temporary or merely incidental to enrollment in a Florida institution of higher education. The following documents will be considered evidence of domicile even though no one of these criteria, if taken alone, will be considered as conclusive evidence of domicile:
   a) Declaration of Domicile.
   b) Florida voter registration.
   c) Florida vehicle registration.
   d) Florida driver’s license.
   e) Proof of real estate ownership in Florida (i.e., deed, tax receipts).
   f) A letter on company letterhead from an employer verifying permanent employment in Florida for 12 consecutive months before the term in which resident status is sought.
   g) Proof of membership in or affiliation with community or state organizations or significant connections to the state.
   h) Proof of former domicile in Florida and maintenance of significant connections while absent.
   i) Proof of reliance upon Florida sources of support.
   j) Proof of admissions to a licensed practicing profession in Florida.
   k) Any other factors peculiar to the individual which tend to establish the necessary intent to make Florida a permanent home and that the individual is a bona fide Florida resident, including the age and general circumstances of the individual.

2) Documentation establishing legal residence in Florida (this document must be dated at least one year prior to the first day of classes of the term in which resident status is sought). The following documents will be considered in determining legal residence:
   a) Declaration of Domicile.
   b) Proof of purchase of a home in Florida in which a student resides (permanent primary Florida home).
   c) Proof that the student has maintained residence in the state for the preceding year.
   3) No contrary evidence establishing residence elsewhere.
   4) Documentation of dependent/independent status (notarized copy of most recent IRS tax return). Federal Income tax returns filed by resident(s) of a state other than Florida disqualify the student for in-state tuition, unless:
   a) The student’s parents are divorced, separated or otherwise living apart and either parent is a legal resident of Florida, or
   b) The student becomes a legal resident and is married to a person who has been a legal resident for the required 12 month period, or
   c) The student is a member of the Armed Forces on active duty stationed in Florida, or a spouse or dependent, or
   d) The student is a member of the full-time instructional or administrative staff of a state public school, community college or university in Florida, or a spouse or dependent, or
   e) The student is a dependent and has lived five years with an adult relative who has established legal residence in Florida.

The Office of Admissions reserves the right to require additional documentation in order to determine the resident status of any student. Rent receipts, leases, employment records are not evidence of a legal Florida residence. If a student’s residency status for the purpose of tuition is denied, the student may file an appeal to the residency officer in to Office of Admissions.

Reclassification is NOT automatic. All requests for change in residency for tuition purposes with supporting hard copy documentation should be submitted to the Office of the Registrar. Requests will be reviewed and approved if documentation meets the requirements. If the reclassification request is denied, the student may file an appeal to the Office of the Registrar. The decision of the Residency Appeals Committee shall be final.

Florida Prepaid College Plan (FPCP)
A student planning to register under the Florida Prepaid College Plan (FPCP) must present the FPCP identification card to the Cashier’s Office each semester before the published last day to pay fees. Any portion of the student fees not covered
by the plan, such as local fees and applicable lab fees, must be paid by the student when the FPCP identification card is presented to the Cashier’s Office prior to the published last day to pay fees to avoid cancellation of courses.

Refunds
Refunds are processed and mailed to the address shown on the registrar’s files for any student whose account shows an overpayment after the last day to pay fees. Students due refunds are not required to submit refund requests; refunds are automatically calculated. If there is an amount due in the accounts receivable system, that amount will be deducted from any refund due.

- 100% of registration fees and tuition will be refunded if notice of complete withdrawal or course withdrawal from the university is approved prior to the end of drop/add period.
- 25% of registration fees and tuition will be refunded if notice of withdrawal from ALL courses from the University is approved prior to the end of the fourth week of classes. Please refer to the withdrawal section under Registration and Records.

Return of Title IV Funds
A student who received Title IV (Federal Financial Aid) and subsequently changed enrollment status, will be subject to the repayment of Title IV aid as follows:

- If the student completed more than 60 percent of the term, he or she earned 100 percent of the aid for the period therefore, no repayment is due.
- If the student completed less than 60 percent of the term, the percentage of the term completed is the percentage of aid earned. This percentage is determined by the Financial Aid and Scholarships Office and may result in the student owing funds to the university and/or the Title IV program. Please refer to the Financial Aid section of this catalog.

Tuition Fee Appeals
The university may approve a fee adjustment of 100 percent after the fifth day of the term if a student drops a course or formally withdraws from the university due to circumstances determined by the university to be exceptional and beyond the control of the student. Request for fee adjustments must meet one of the following conditions:

- Death of the student or immediate family member (parent, spouse, child or sibling) as confirmed by documentation indicating the student’s relationship to the deceased. Death certificate is required.
- Involuntary call to military service. Copy of orders is required.
- Illness of student of such severity or duration to preclude completion of course(s). Written confirmation by a physician is required.
- A situation in which the university is in error as confirmed in writing by an appropriate vice president.

Appeals for tuition refunds must be submitted in writing to the Fee Appeals Committee within six months after the end of the term for which the refund is requested. There are no exceptions to this policy. The decision of the Fee Appeals Committee is final.

Reinstatement of Classes
Requests for reinstatement of registration for classes canceled for fiscal reasons must be submitted in writing to the Office of the Registrar. Requests for reinstatement must meet one of the following conditions: (a) the student’s registration was canceled through university error, or (b) the student was prevented from making timely payment due to extenuating circumstances beyond the student’s control.

Reinstatement must occur prior to or by the published deadline date and will apply to the student’s entire schedule and cannot be requested selectively for certain classes. All reinstated students will be assessed a late registration fee and a late payment fee. If reinstatement is granted, payment of tuition and fees in full must be received by the Cashier’s Office immediately. The decision of the Reinstatement Appeals Committee shall be final.

Tuition Waivers
Students using tuition waivers as part of their tuition payment must present the original and the student copy to the Cashier’s Office at the time of payment, on or before the last day to pay fees. Students who are responsible for a portion of their fees in addition to the waivers will be required to pay their portion by the published last day to pay fees. Refer to the Registration Guidebook for additional information, including registration guidelines for students using senior citizen tuition waivers. (See also Senior Citizen Tuition Waivers in the Registration and Records section of this catalog. See also Student Tuition Waivers in the Undergraduate Admission and Graduate Admission sections of this catalog.)

Veterans and Third Party Deferments
A deferment allows a student to pay tuition and fees after the published due date. Deferments do not relieve students of their obligation to pay.

Veterans shall be entitled to deferment in accordance with the provisions of Section 240.235, F.S. Veterans who demonstrate eligibility to receive veterans’ benefits may request deferment of tuition and fees by presenting their documentation to the Office of the Registrar at the time of registration. Depending on eligibility, the student will sign a promissory note for the full amount of the tuition and fees (Non-Chapter 31) or the student will be assigned to a Third Party payment contract whereby tuition and fees are paid directly to the university by Veterans Affairs (Chapter 31).

Deferment is also permitted when a third party has made formal contractual arrangements with the university for payment of a student’s tuition and fees. The university controller or designee must approve all third party contracts.
UNDERGRADUATE ACADEMIC POLICIES AND PROCEDURES

Academic Grievance Policy
See the Student Guidebook and the Ombudsman section of this catalog.

Academic Learning Compacts (ALC)
Academic Learning Compacts (ALC) describe for each baccalaureate degree program the expected student learning outcomes with regard to communication skills, critical thinking skills, and content/discipline knowledge and skills. Each ALC includes examples of assessment methods that may be used to determine student achievement of expected student outcomes. ALCs are available on the university website at http://www.fgcu.edu/OCI/alc.html

Academic Standards of Behavior
FGCU is committed to a policy of honesty in academic activities. Conduct that breaches this policy, including cheating, plagiarism, and falsification of university records, shall result in academic and/or disciplinary action. The Code of Conduct, published in the Student Guidebook, is a part of the terms and conditions of admission and enrollment and applies to all undergraduate students, graduate students, and student organizations.

Academic Standing
FGCU has established minimum academic standards to which all students must adhere.

Undergraduate Academic Standing
Academic actions, such as notice, warning, probation, first suspension, and indefinite suspension are applied to students who fail to meet these academic standards. Such designations do not allow the student to be considered in Good Standing – as defined below. All actions taken to enforce FGCU standards shall be reflected by notation on the student’s academic record; some of these notations can be permanent.

Officially changing a course grade does not reverse these academic actions. An exception can be made when an error is committed and is stated on a Change of Grade form completed by the professor of a course.

Policies on academic warning, probation, and suspension are based on the premise that a student can overcome academic difficulty and make appropriate progress toward a degree. Colleges, schools, and departments may have academic regulations that are more restrictive than those established by the university. It is the student’s responsibility to become familiar with all unit regulations and program requirements.

Good Standing
A student in good academic standing if he or she maintains the required cumulative GPA and is eligible to continue or to re-enroll at the university. The GPA requirements are: 1-18 grades hours – 1.81 or above; 19-36 graded hours – 1.91 or above; and 37 or above – 2.00 or above. In order to be eligible for graduation, the university requires students to have a cumulative GPA of 2.00.

Academic Notice and Academic Warning
A student who has 18 graded hours or less will be placed on Academic Notice when his/her cumulative grade point average (GPA) falls below or equals 1.80. A student who has between 19-36 graded hours will be placed on Academic Warning when their cumulative GPA falls below or equals 1.90. Academic notice and warning students will need to earn a minimum of 2.00 GPA each semester until his/her cumulative GPA reaches 2.00. Failure to reach 2.00 per semester will result in Academic Probation for the following semester. FGCU is dedicated to assisting students on notice and warning status achieve academic success. Notice and warning status requires students to meet with the staff in the Center for Academic Achievement and then his/her respective academic/college advisors in order to register for the following semester. For additional information concerning academic warning, contact the Center for Academic Achievement.

Academic Probation
A student who has 37 or more graded hours is placed on Academic Probation when his/her cumulative grade point average (GPA) drops below 2.00. A student placed on academic probation must earn a minimum semester GPA of 2.00 for each semester after being placed on academic probation, until his/her cumulative GPA reaches 2.00 or higher. Failure to reach 2.00 per semester will result in First Academic Suspension for the following semester. FGCU is dedicated to assisting students on probation achieve academic success. Students placed on academic probation will be restricted from registration until he/she has met with a Center for Academic Achievement representative and their respective academic university/college advisors. For additional information concerning Academic Probation, please contact the Center for Academic Assistance.

First Academic Suspension
A student on Academic Probation who fails to earn a semester GPA 2.00 will be suspended. The first academic suspension may last for one semester; after which the student will return to probationary status. Prior to registering, suspended students must meet with the Center for Academic Achievement and with their respective academic university/college advisor to develop a plan for achieving a cumulative GPA of 2.00 or higher. Academic Suspensions are noted on the student’s official academic transcript.

Indefinite Suspension/Academic Dismissal
A student who has been re-admitted following the first academic suspension and who fails to achieve a semester GPA of 2.00 will be suspended indefinitely from the university. Re-admission will not be considered for a minimum of one year for any student who has been placed on indefinite suspension. Indefinite suspension will be noted on the student’s official academic transcript.

Readmission after Indefinite Suspension
A student may petition the Academic Standards Committee for re-admission after the second semester of his/her indefinite suspension. Any petition for re-admission must be filed at least eight weeks prior to the semester in which re-admission is sought. The student’s request for re-admission must contain:
• A completed Request for Re-admission After Indefinite Suspension form.
• A personal statement and plan of action that would reflect a sincere change in attitude or lifestyle that would support the continuation and completion of his/her higher education.
• Letters of recommendation for re-admission from the following:
  a) the student’s university/college advisor.
  b) Program faculty who have taught the student and/or program leadership.
  c) Center for Academic Achievement Contact Log of Compliance or letter of support.
  d) Any other letter(s) of support the student wishes to submit.

The student’s request must be submitted with all documents attached by the stated deadline period to:

General Information
The student’s re-admission petition will be reviewed by the Academic Standards Committee and the student will be notified of the committee’s decision by mail. Students have the right to attend the Committee meeting in which their petition is being heard. Notification of review will be mailed to the student.

If the student believes that there is a procedural error, he or she may petition the university ombudsman for review. The decision of the Ombudsman may be appealed through the Provost Office. The provost (or designee) will make the final decision.

Appeal Process. A student may appeal his/her suspension status by submitting a written request, with documents supporting the circumstances, to the Office of the Registrar. Academic status appeals must be received no later than one week prior to the first day of classes for the term in which the appeal is sought. The Academic Standards Committee will review the appeal and provide notification to the student of the committee’s decision prior to the last day of registration for the term.

Earning credit while suspended. A FGCU freshman or sophomore student who receives a first or indefinite suspension and who subsequently receives an AA degree from another Florida public community college or SUS institution may seek to be re-admitted to the university. Students who attend other colleges or universities following first or indefinite suspension and re-apply for admission to FGCU will be classified as transfer students and re-admission will be based on total educational records.

Assessment at FGCU
One crucial function of any institution of higher education is the assessment of student learning. This happens at many levels; instructors assess students’ work in class to monitor progress in achieving course-specific learning objectives and assign grades; programs assess student learning to ensure that program graduates have attained acceptable levels of knowledge and skill necessary to succeed in their chosen field of study; and institutions assess academic programs to see that they are serving the institutional mission and that graduates of the program are providing some benefit for the community.

The most noticeable (and usually the most frequent) form of assessment of student learning may be program specific assessment; students are very familiar with instructor assessment of course learning goals and assigning of grades based on those assessments. The least noticed form of assessment is likely institutional assessment, which often occurs unobtrusively and is based on measures that do not require additional effort on the part of the student. Program assessment often involves both obtrusive and unobtrusive measures; when program level assessment measures are in addition to course level assignments, students are likely to be very aware of them. Obtrusive program level assessments are often standardized tests and may measure student achievement of general competencies (such as verbal, quantitative, and critical thinking skills), discipline-specific competencies (such as state licensing examinations for some professions) or other competencies of interest.

Program assessment may be required and monitored by bodies external to the university. At Florida Gulf Coast University, program level assessment is conducted by the Office of Curriculum and Instruction and by degree programs in accordance with mandates from the Florida Board of Governors, from our regional accrediting agency the Southern Association of Colleges and Schools (SACS), and from some discipline-specific regional accrediting agencies. Because program level assessment is used to communicate the quality of an institution’s educational programs to these external bodies, it is vital to the health of the university.

Center for Academic Achievement
The Center for Academic Achievement provides students with the skills and support needed to achieve their academic goals. Services include Supplemental Instruction; a nationally known and highly successful retention program; math tutoring labs; Academic Retention Program, Eagle’s Wing Mentoring Program; and study skills seminars. The Center for Academic Achievement is located on the first floor of the library.

College Advising
All freshmen students will be referred to an academic advisor in the college of their declared major during the semester they anticipate completion of 24 credit hours. All undeclared/undecided students will be referred to an advisor in the College of Arts and Sciences for assistance in choosing a major.

Transfer students who are prepared to declare a major and who have 12 or more earned credit hours (including Florida public community college or university associate in arts degree holders) are required to attend an initial advising session with a college advisor during transfer orientation. While timely application to the university will ensure that articulation of credits is completed prior to orientation, it is recommended that students bring an unofficial copy of all transcripts to the orientation session. Students are encouraged to schedule regular advising sessions throughout the upper division program to monitor progress towards completion of all requirements for graduation. Please refer to the college sections of this catalog for more information regarding specific program requirements.

CLAST College-Level Academic Skills Test
The College-Level Academic Skills Test (CLAST) is a state-mandated achievement test that measures attainment of communication and mathematics skills expected of students completing their sophomore year in college (60 semester hours). A student must pass or be exempt from the CLAST to receive an Associate of Arts or a baccalaureate degree from any Florida public institution. NOTE: Although CLAST is a graduation requirement, it must be completed by the time a student has earned 60 credit hours. IF THIS REQUIREMENT IS NOT MET BY 60 HOURS, A STUDENT’S ABILITY TO REGISTER FOR CLASSES MAY BE RESTRICTED.

Students who have already earned a baccalaureate degree from a regionally accredited institution are exempt from the CLAST requirement at FGCU. Transfer students with 45 to 60 semester hours must take the CLAST during their first term at FGCU and complete any subtest re-takes during their second term. Other restrictions may apply.

CLAST Exemption
Mathematics: Exemption from the math subtest of the CLAST can be achieved by attaining a 2.5 grade point average [six (6) semester hours, no grade less than a “C”] in two (2) math courses algebra or higher (remedial courses, including MAT 1033, are not included). Exemption can also be achieved through ACT or SAT scores as follows:

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<thead>
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<tbody>
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</tr>
<tr>
<td></td>
<td>500 (test date April, 1995, or later)</td>
</tr>
<tr>
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English: Exemption from the three communication sections of the CLAST can be achieved by attaining a 2.5 grade point average [six (6) semester hours, no grade less than a “C”] in ENC 1101 and ENC 1102. Transfer courses must be articulated by FGCU as ENC 1101 or ENC 1102. Exemption can also be achieved through ACT or SAT scores as follows:

- SAT I: (test date prior to April, 1995) Verbal = 420
  (test date April, 1995, or later) Verbal = 500
- ACT READING: (test date prior to October, 1989) Composite = 20
  (test date October, 1989, or later) Reading = 22
- ACT ENGLISH: (exemption for essay and English Language Skills only)
  (test date prior to October, 1989) English = 20
  (test date October, 1989, or later) English = 21

If a student has successfully completed three of the four CLAST subtests, then the student may continue in upper-level classes at the discretion of the Institutional Test Administrator but only up to a total of 36 upper-level hours may be earned. The student must be making academic progress, taking the CLAST test at least once per semester, and taking either a course to support the subtest not yet passed and/or participating in tutoring services.

Once a student has achieved 96 total semester hours (not to exceed 36 semester hours at the upper-level), registration for all upper-level courses will cease and the student may take only courses lower level-hours or that support the subtest yet to be completed, with the approval of the Institutional Test Administrator.

A student may petition for a waiver from a subtest of the CLAST if:
1. You have a learning disability with documentation on file with the FGCU Adaptive Services Office; or
2. You have taken a subtest of the CLAST 4 or more times and been unsuccessful (documentation necessary).

Please see the Testing Office for required documentation and procedures.

Common Prerequisites
In 1996, institutions of higher education in the state of Florida, under legislative mandate and through the direction of the Articulation Coordinating Committee, established a list of common prerequisite courses for every degree program. The purpose of such a list is to provide students, especially those who plan to transfer between institutions, with information regarding the courses that they will need to take to be admitted into upper division programs.

Common prerequisites should be taken in the first two years of study. The common prerequisite coursework required for a particular program is dependent on the student’s year of matriculation and year of admittance into the upper division. Special guidelines apply to students who transfer from one public institution to another in the State University System or Community College System. For additional information, refer to the college/program description in this catalog, contact a college advisor, or access the FACTS (Florida Academic Counseling and Tracking for Students) website at http://www.facts.org

Curriculum, Advising & Program Planning
Curriculum, Advising & Program Planning (CAPP) allows a student or advisor to track progress toward a university degree or certificate. It is an electronic auditing system that provides the user an unofficial compliance report mapping a multi-term course plan based on catalog year. Compliance reports assess in-progress coursework and satisfactory completion of published university degree requirements. CAPP is accessible through the Student Information System, GULFLINE located at https://gulfline.fgcu.edu/. If students require assistance regarding specific degree requirements, or encounter problems with the compliance report they should consult with their academic advisor.

Dual Majors
A student who satisfies the requirements for two majors (within the same college) while working toward a single baccalaureate degree will be awarded a single diploma; however, both majors will be indicated on the student’s permanent academic record. A dual major does not require a minimum number of credit hours beyond that necessary for completing degree requirements. A second degree, on the other hand, requires a minimum of 150 credit hours (see Earning Two Baccalaureate Degrees).

A student desiring to pursue dual majors is strongly encouraged to meet with his or her academic advisor. The student and advisor will determine the primary and secondary majors.

Both majors must be noted on the application for graduation. Once the degree has been awarded, subsequent coursework may not be added to create a second major within a degree.

Earning Two Baccalaureate Degrees
Students desiring to obtain two baccalaureate degrees from FGCU must meet the requirements for both degrees, earn a minimum of 150 credit hours, and work with the advisor of each degree program. The graduation application must indicate both degrees. (Policy under review and subject to revision.)

First Year Reading Project
Florida Gulf Coast University’s First Year Reading Project introduces incoming first-year students to the expectations of learning at an institution of higher education. All incoming first-year students read a common book during the summer, usually a novel or work of non-fiction, and work on two writing projects.

General Education
The university experience at FGCU is designed to prepare students for a rapidly changing world and workplace where professional careers demand a wide breadth of knowledge and value critical thinking and analysis, communication skills, teamwork, independent learning, and creative problem-solving. This preparation begins with a General Education program that blends innovation with tradition. Interdisciplinary courses demonstrate the relationship of knowledge across academic fields, while traditional courses offer depth or breadth in specific disciplines and fulfill upper division program prerequisites or accreditation requirements. Introductory and capstone experiences tie General Education into a coherent whole and launch the student toward acquiring the broad knowledge and perspective necessary for personal growth and success.

The General Education program at Florida Gulf Coast University, in accordance with state mandates, consists of 36 credit hours of coursework in the subject areas of communication, social sciences, humanities, natural sciences, and mathematics. Approved courses for each area are listed below. Where applicable, courses taken to meet state common
prerequisites for a program may also be used to fulfill General Education requirements. All first-time-in-college students are expected to take ENC 1101 (Composition I) during their first semester at FGCU.

In accordance with the state articulation agreement (State Board of Education Rule 6A-10.024), a transfer student who has completed General Education requirements at any public university or community college in Florida prior to enrolling as a degree-seeking student at FGCU, and has this completion noted on his/her official transcript, shall be considered to have completed General Education. All other transfer students are expected to satisfy FGCU’s General Education requirements. Transfer students’ transcripts will be evaluated to determine course equivalencies and fulfillment of FGCU General Education requirements.

All courses listed are approved for meeting General Education requirements at FGCU. Courses marked with (W) can be used to satisfy a portion of the Gordon Rule writing requirement, and the mathematics courses can be used to satisfy a portion of the Gordon Rule computation requirement (State Board of Education Rule 6A-10.030). A grade of C or higher is required for all Gordon Rule coursework.

Communication (6 hours)

Each student must complete a two-semester sequence (ENC 1101-1102) in English composition. The sequence develops students’ communication skills in written formats; this includes reading critically as well as writing clearly in a variety of styles. Students may satisfy all or part of this requirement by satisfactory CLEP or AP English scores.

ENC 1101 Composition I (W) (3)
ENC 1102 Composition II (W) (3)

Mathematics (6 hours)

Mathematics and statistics courses give students competence in quantitative methods and an understanding of how those methods are used to describe and analyze the natural world. These courses also give students exposure to the theories and practice of mathematics, and to the unique nature of mathematical knowledge. They will have a practical component, giving students the opportunity to apply mathematical and statistical methods to “real-world” problems. All students must successfully complete either STA 2023 Statistical Methods or STA 2037 Statistics with Calculus, and an additional 3 credit hours of approved coursework at the college algebra level or higher.

One of the following:
STA 2023 Statistical Methods (3)
STA 2037 Statistics with Calculus (3)

Plus one of the following:
MAC 1105 College Algebra (3)
MAC 1147 Precalculus (4)
MAC 2157 Analytic Geometry with Trig (3)
MAC 2233 Elementary Calculus (3)
MAC 2311 Calculus I (4)
MAC 2312 Calculus II (4)
MAC 2313 Calculus III (4)
MAS 2121 Linear Operators & Diff Equations (4)
MGF 1106 Finite Mathematics (3)
MGF 1107 General Mathematics (3)
STA 2122 Social Science Statistics (3)

Humanities (9 hours)

At FGCU, the area of humanities includes literature, philosophy, religion, and the fine arts. Humanities courses provide students the opportunity to study the aesthetic dimension of human experience and to learn how people have given creative interpretations to events from differing perspectives. Students will learn the methods, suppositions, and theories of the chosen areas of study.

Required course:
HUM 2510 Understanding Visual & Performing Arts (3)

Plus six hours from the following:
AML 2010 Literature & Culture of US I (3)
AML 2020 Literature & Culture of US II (3)
ARH 2050 History of Visual Arts I (3)
ARH 2051 History of Visual Arts II (3)
ARH 2500 Survey of Non-Western Art (3)
CRW 2001 Intro to Creative Writing (W) (3)
ENC 2160 Intro to Nature Writing (W) (3)
ENL 2012 British Literature & Culture I (3)
ENL 2022 British Literature & Culture II (3)
HUM 1931 First Year Humanities Seminar (3)
HUM 2395 Environmental Humanities (3)
HUM 2930 Thematic Intro to Humanities (3)
LIT 2000 Intro to Literature (W) (3)
LIT 2110 World Literature & Culture I (3)
LIT 2120 World Literature & Culture II (3)
MUH 2110 Masterworks of Music (3)
MUL 2110 Intro to Music Literature (3)
PHI 2000 Intro to Philosophy (W) (3)
PHI 2016 Philosophy through Film (3)
REL 2306 Contemporary World Religions (3)
SPC 1600 Fundamentals of Communication (3)
SPT 2721 Latino Culture & Society (3)
THE 2020 Intro to Theatre (3)
THE 2300 Survey of Dramatic Literature (3)

Social Sciences (6-9 hours)

Students must successfully complete 6 to 9 semester hours of approved coursework in the social science disciplines. Social sciences courses include the disciplines of history, economics, anthropology, sociology, area studies, geography, political science, and psychology. Students will gain an understanding of historical and sociocultural perspectives and a sense of the evolution of societies and the various modes of interaction among peoples of the world.

Select 6-9 hours from the following:
AFA 2000 Intro Afr & Diaspora Studies (W) (3)
AFS 2250 Culture & Society in Africa (3)
AMH 2010 US History to 1877 (W) (3)
AMH 2020 US History since 1877 (W) (3)
ANT 2000 Introduction to Anthropology (3)
ANT 2100 Introduction to Archaeology (3)
ANT 2211 Peoples of the World (W) (3)
ANT 2395 Intro to Visual Anthropology (3)
ANT 2410 Cultural Anthropology (3)
ASN 2005 Intro to Asian Studies (3)
ASN 2010 Civilizations of Asia: China & Japan (3)
ASN 2011 Civilizations of Asia: South Asia (3)
DEP 2004 Principles of Development (3)
ECO 1000 Survey of Economics (3)
ECO 2013 Principles of Macroeconomics (3)
ECO 2023 Principles of Microeconomics (3)
EUH 1000 The Western Tradition, Part I (3)
EUH 1001 The Western Tradition, Part II (3)
EUH 2011 Ancient European History (3)
EUH 2021 Medieval European History (3)
EUH 2031 Modern European History (3)
GEA 2000 Introduction to Geography (3)
HSC 2106 Choosing Wellness (3)
INR 2005 Peace and Conflict in the Public Sphere (3)
INR 2015 Global Studies (3)
ISS 2011 Interdisciplinary Social Sciences (3)
ISS 2200 Intro to International Studies (3)
LAS 2000 Intro to Latin Amer Studies (W) (3)
Natural Sciences (6-9 hours)

Students must successfully complete a minimum of two courses, totaling 6 to 9 semester hours, of approved coursework in the natural sciences that include biology, chemistry, geology, environmental studies, marine science, and physics. At least one course must include a laboratory or field component; courses meeting this requirement contain “C” in their course numbers. Courses approved for the purpose of meeting part one of this rule contain “C” in their course numbers and will address the relationship of science with the modern world.

Select 6-9 hours from the following:

- ANT 2511 Physical Anthropology (3)
- AST 2002C Intro to Space Science (3)
- AST 2004C Stellar Astronomy (4)
- AST 2005C Intro to Astrobiology (3)
- BSC 1005 Biological Science (3)
- BSC 1005L Biological Science Laboratory (1)
- BSC 1010 General Biology I (3)
- BSC 1010L General Biology I Laboratory (1)
- BSC 1010C General Biological Lab I (4)
- BSC 1011 General Biology II (3)
- BSC 1011L General Biology Lab II (1)
- BSC 1011C General Biology with Lab II (4)
- BSC 1020C Human Systems (3)
- BSC 1051C Environmental Biology-SW Florida (3)
- BSC 1085C Human Anat & Physiology w/Lab I (4)
- BSC 1086C Human Anat & Physiology w/Lab II (4)
- BSC 2024C Human Species (3)
- BSC 2026 Biological of Human Sexuality (3)
- BSC 2300C Biological Systems I (4)
- CHM 1045 General Chemistry I (3)
- CHM 1045L General Chemistry I Laboratory (1)
- CHM 1045C General Chemistry I with Lab (4)
- CHM 1046 General Chemistry II (3)
- CHM 1046L General Chemistry II Laboratory (1)
- CHM 1046C General Chemistry w/Lab II (4)
- CHM 1084C Environmental Chemistry (4)
- CHM 2210 Organic Chemistry I (3)
- CHM 2210L Organic Chemistry I Laboratory (1)
- CHM 2210C Organic Chemistry with Lab I (4)
- CHM 2211 Organic Chemistry II (3)
- CHM 2211L Organic Chemistry II Laboratory (1)
- CHM 2211C Organic Chemistry with Lab II (4)
- EVR 2264 Environmental Health (3)
- GLY 1000C Physical & Historical Geology (4)
- ISG 2930 Selected Topics in Interdisciplinary Science (3)
- MCB 2010C Microbiology with Lab (4)
- OCE 1001C Marine Systems (3)
- PCB 2336C Human Genetics (3)
- PHY 2048C General Physics w/Lab I (4)
- PHY 2049C General Physics w/Lab II (4)
- PHY 2053C College Physics w/Lab I (4)
- PHY 2054C College Physics w/Lab II (4)

Also, please substitute the following suggested copy for the CLEP paragraph, from page 33 of the 2006-2007 catalog:

College Level Examination Program (CLEP). Students must submit an official transcript from The College Board for scores to be considered for credit. CLEP examination scores must meet the minimum standards established by the State University System and FGCU. CLEP credit will appear on the student’s permanent record. CLEP writing and mathematics credit will count toward Gordon Rule requirements if the equivalent FDGCU course fulfills the Gordon Rule requirement. CLEP credit does not factor into the GPA because a grade is not associated with CLEP credit. However, CLEP credit awarded for ENC 1101 (English Composition I) and for math courses is considered as a grade of “C” for the purpose of CLAST exemption. The requirements for receiving credit by CLEP examination are listed in the table at the end of this section.

Gordon Rule

State Board of Education Rule 6A-10.030

Prior to receipt of an associate of arts degree from a public community college or university or prior to entry into the upper division of a public university or college, a student shall complete successfully the following:

• Six (6) semester hours of English coursework and six (6) semester hours of additional coursework in which the student is required to demonstrate college-level writing skills through multiple assignments.

• Six (6) semester hours of mathematics coursework at the level of college algebra or higher. For the purposes of this rule, applied logic, statistics and other such computation coursework which may not be placed within a mathematics department may be used to fulfill three (3) hours of the six (6) hours required by this section.

A grade of C or higher is required for all Gordon Rule coursework. All mathematics courses offered by FGCU except MAT 1033 (Intermediate Algebra) fulfill Gordon Rule requirements.

FGCU has designated certain courses as “writing-intensive” for the purpose of meeting part one of this rule. Courses that count toward Gordon Rule writing requirements include a statement in their course descriptions to that effect. Students are strongly urged to complete ENC 1101 Composition I before attempting any additional writing-intensive courses.

- AFA 2000 Intro to African & Diaspora Studies (3)
- AMH 2010 US History to 1877 (3)
- AMH 2020 US History since 1877 (3)
- ANT 2211 Peoples of the World (3)
- CRW 2001 Intro to Creative Writing (3)
- ENC 1101 Composition I (3)
- ENC 1102 Composition II (3)
- ENC 2160 Intro to Nature Writing (3)
- ENC 3250 Professional Writing (3)
- ENC 3310 Expository Writing (3)
- IDS 3920 University Colloquium (3)
- LAS 2000 Intro to Latin American Studies (3)
- LIT 2000 Intro to Literature (3)
- PHI 2000 Intro to Philosophy (3)
- POS 3033 Issues in American Govt & Politics (3)
- POT 3003 Political Theorists (3)
- PUP 4002 Public Policy (3)
- WOH 1023 World Civilization 1500-1815 (3)
- WOH 1030 World Civilization since 1815 (3)

Students awarded college credit based on their demonstration of writing skills, or mathematics skills at the level of college algebra or higher, through one (1) or more of the acceleration

Undergraduate
Transfer students who have taken one or more of the above courses at another Florida institution will have these courses counted toward Gordon Rule requirements only if the course was so designated at the institution where the course was taken.

Note: Courses designated by Florida Gulf Coast University to satisfy the Gordon Rule are subject to change. Students should check with an academic advisor for up-to-date information.

**Graduation Requirements**

**Associate of Arts Degree**
The following are minimum requirements for awarding the associate of arts (AA) degree:

- Earn a minimum of 60 semester hours with a cumulative GPA of 2.0 in all coursework attempted at FGCU.
- Satisfy general education requirements (36 hours of required and elective coursework in prescribed areas; see General Education section).
- Satisfy Gordon Rule requirements (see Gordon Rule section).
- Complete 15 of the last 30 credit hours at FGCU.
- Satisfactorily complete the CLAST or an approved alternative to CLAST (as designated by the State Board of Education).
- An AA degree is not automatically awarded. Students are required to apply within the deadline requirement.
- Application for AA degree must be submitted to the appropriate academic advisor for approval within one semester of completion of the requirements.
- The AA degree information and date of award are listed on the academic transcript.

**Baccalaureate Degree**
The following are minimum requirements for awarding the baccalaureate degree:

- Apply for graduation by the deadline indicated in the Academic Calendar.
- Recommendation by appropriate college advisor.
- Earn a minimum of 120 semester hours (certain majors may require more than 120 hours) with a cumulative GPA of 2.0 in all coursework attempted at FGCU. Colleges and departments may have requirements that exceed these minimums.
- Satisfy general education requirements (36 hours of required and elective coursework in prescribed areas; see General Education section).
- Satisfy Gordon Rule requirements (see Gordon Rule section).
- Satisfactorily complete the CLAST or an approved alternative to CLAST (as designated by the State Board of Education) and the writing and computation course requirements. (Successful completion of the CLAST is an admission requirement for undergraduate programs in the College of Education. Education majors cannot receive an exemption from the CLAST.)
- Earn a minimum of 48 hours of upper division coursework (courses numbered 3000 and above).
- Complete all program requirements.
- Complete the university service learning requirements.
- Complete the University Colloquium.
- At least 25% of the coursework required for the degree and 30 of the last 60 hours must be earned at FGCU.
- All students entering FGCU with fewer than 60 semester hours of credit are required to earn at least 9 semester hours of credit prior to graduation by attendance during one or more summer terms. The university may waive the application of this rule in cases of unusual hardship (see Summer Enrollment Requirement).
- Satisfy State of Florida foreign language admission requirement.

**Minors**
Minors are available in some colleges/schools. Minors must be indicated on the Application to Graduate and must be certified in conjunction with the baccalaureate degree. Certification will not be made at a later time even if additional courses have been completed.

**Honors Program**
The University Honors Program offers special opportunities for superior students to pursue challenging academic work that is tailored to individual interests and abilities. The Honors Program emphasizes more than just courses and grades; it provides opportunities for students to participate in creative activities outside of the classroom. Further, the Honors Program is built around a commitment to community service and civic engagement—guiding principles of Florida Gulf Coast University.

The Honors Program is university wide and open to students entering at the freshman through junior levels. Prospective honors students must meet high academic standards and should be interested in developing themselves beyond the traditional classroom setting. Each honors student has the opportunity to work with an academic mentor and to develop an individual honors program of study. Students in the Honors Program may elect to take honors sections of traditional courses or to develop an honors contract for a regular course that allows the student to engage in more challenging work beyond normal course requirements.

The University Honors Program offers scholarships and special events and activities that are available only to students in the program. Resident students of the Honors Program can request housing in the Honors/Scholars dorm. An Honors Lounge has been established in Whitaker Hall and the Honors Student Organization has offices in the Student Union Building. Laptop computers are available for Honor Student use. The Annual Honors Banquet, held in the spring semester, recognizes student leaders and graduates and is the forum for the Honors Program sponsored “Last Lecture Series”. All Honor program students enjoy priority registration and have extended library privileges.

Each student who fulfills Honors Program requirements is given special recognition at graduation, and a certificate is included on the student’s official transcript. Successful completion of an honors program curriculum demonstrates an individual’s ability to study independently, yet collaboratively, and to achieve excellence; qualities that are valued by professional schools, graduate schools, and employers.

**Learning Academy**
The Learning Academy at Florida Gulf Coast University is a residential learning community that provides a supportive learning foundation for first-year students. The program is designed to enhance the university-level learning experience by linking first-year courses in which students will register and study together as a cohort. Students live on campus as a shared experience with their common coursework. Dedicated faculty work as a team to integrate the course coverage so that meaningful learning occurs. In addition to coursework, students and faculty participate in specialized field trips, seminars and a Common Hour where they gather each week to discuss the learning experience.
The goal of the Learning Academy is to provide an enhanced learning experience that will facilitate the academic and social integration of new first-time-in-college students to Florida Gulf Coast University.

Quality Enhancement Plan (QEP)

www.fgcu.edu/qep

The Quality Enhancement Plan (QEP) at Florida Gulf Coast University (FGCU) addresses student learning and institutional effectiveness. The ultimate goal of FGCU’s Quality Enhancement Plan is to improve student learning in two of the university’s Undergraduate Student Learning Outcomes, specifically #3 “An Ecological Perspective” and #9 “Community Awareness and Involvement” by employing teaching and learning strategies that emphasize experiential learning, scholarly dialogue, and interdisciplinary engagement. The QEP provides an opportunity to systematically evaluate student learning in these areas and develop strategies to refine curriculum and enhance student learning as part of an ongoing plan of continuous improvement. The plan was developed with campus-wide input and its success depends on continued input from all parties with a vested interest in the quality of education at FGCU.

The topic of improving student learning in these two areas was selected because it reflects the university’s mission statement, accreditation criteria, and the priorities of faculty, administrators, and the academic community. The plan has broad university support; reflects the interests of the entire academic community and beyond; is consistent with the university’s Guiding Principles, which are deeply embedded in the institution’s culture; is congruent with the university’s mission and strategic plan; provides opportunities to incorporate evidence-based practice into successful student learning activities and educational processes that are already in place; and provides a framework for addressing goals and outcomes in multiple settings. In addition, the QEP is forward-looking in that it will focus attention on how a new institution with a unique mission can maintain and improve quality as it grows and matures.

Senior Seminar

Each program includes a three-credit-hour Senior Seminar, which provides a capstone educational experience for students in the college or major. These capstone courses integrate skills and knowledge gained from particular programs and broaden students’ awareness and understanding of disciplines related to their chosen field.

Service Learning Eagles-Connect

As a partner in the community, FGCU makes service an important part of its mission. Students are brought into this partnership through EaglesConnect, the service-learning program. Service-learning activities provide structured learning experiences in community settings and are designed to fulfill specific undergraduate learning goals and outcomes, reinforce and enhance classroom learning, and meet community needs. The ultimate goal of the Eagles-Connect program is to involve students in their communities in ways that encourage lifelong commitments to civic engagement.

Service-learning is an undergraduate degree requirement at FGCU. A student entering FGCU as a freshman or a sophomore must complete a total of 80 approved service-learning hours prior to graduation. A student transferring to FGCU as a junior or senior must complete 40 hours before graduation.

Students are responsible for seeking prior approval for their service-learning experiences from the Center for Civic Engagement. This office develops service sites, provides the forms necessary to verify service-learning hours, and ensures service-learning hours are documented. The Center for Civic Engagement is located in the 4th floor of the library building.

Nearly 200 agencies and organizations list service-learning opportunities with the Center for Civic Engagement. The EaglesConnect web site (www.fgcu.edu/connect/) includes a database of service sites, a service-learning handbook, a listing of upcoming group service-learning projects, and a service-learning newsletter.

EaglesConnect staff and FGCU faculty members help students design learning experiences to meet their needs and interests. Service-learning experiences are structured to meet community needs and are equally important. These activities are planned to ensure they provide learning experiences. Service-learning activities help students learn new skills, explore career options, and develop an understanding of their communities and the ways they can effect change in them based on empathy and respect for others.

Circle of Friends: Community Tutoring Partnerships, is an EaglesConnect program that places trained tutors in selected elementary schools where students fulfill service-learning hours by tutoring. Students eligible for federal work-study funds may elect to be paid for tutoring rather than receiving service-learning hours.

University Colloquium

FGCU has structured its curricula to emphasize the interrelationship of knowledge across disciplines and to provide students with the ability to think in whole systems. A three-credit hour course, University Colloquium, brings together students and faculty from all disciplines in an interdisciplinary learning experience. The university’s guiding principles and values are discussed in this course, and students are expected to develop critical thinking and communication skills. Because this course is required for all undergraduates, the University Colloquium is housed within the Office of Curriculum and Instruction.

The University Colloquium: A Sustainable Future

“We have made a commitment as a university to make environmental education an integral part of our identity. One of our university-wide student learning outcomes is that all students will develop an ecological perspective. A way to accomplish this perspective is to devise a course, or group of experiences, with an environmental focus that all FGCU students must complete, and in which faculty from all colleges are involved. Because ‘ecology’ applies to our total living space and interrelationships, human and natural, it is relevant to all of our disciplines and professions. Thus, an ecology course would touch on all nine of the university-wide goals and outcomes, and more. Students would not only be introduced to FGCU values, they would participate in them.” (Adopted at the Deans Council, 15 January 1997)

The University Colloquium is an interdisciplinary course designed to explore the concept of sustainability as it relates to a variety of considerations and forces in Southwest Florida. In particular, we consider environmental, social, ethical, historical, scientific, economic, and political influences.

The goals for students are to:

- Provide a sense of place and an understanding of the unique ecological features of the Southwest Florida environment.
- Assist in achieving the Florida Gulf Coast University learning goals of developing “an ecological perspective” and a commitment to “community awareness and involvement” and in teaching the related outcomes that state that the
student will “know the issues related to economic, social, and ecological sustainability; analyze and evaluate ecological issues locally and globally; and participate in collaborative projects requiring awareness and/or analysis of ecological and environmental issues.”

- Provide experiences to assist in moving toward achieving the seven other FGCU learning goals and their related outcomes.
- Enable a working understanding of sustainability, of environmental education, and of ecological literacy.

**Writing Center**

Writing Center services are available to assist students in improving their writing assignments for Florida Gulf Coast University courses. Writing Center Consultants help students develop their abilities by providing assistance with prewriting, writing, and revising strategies. Writing Consultants also work with students to facilitate improvement in mechanics and documentation format. The FGCU Writing Center is located in Library 202.
GRADUATE ACADEMIC POLICIES

Academic Advising
Students who are completing the application process or have been admitted to a graduate program are matched with a program coordinator or a faculty/staff advisor. Please refer to the relevant program description in this catalog or contact the Office of Graduate Studies for additional information.

Academic Grievance Policy
See the Student Guidebook and the Ombudsman section of this catalog.

Academic Standards of Behavior
FGCU is committed to a policy of honesty in academic activities. Conduct that breaches this policy, including cheating, plagiarism, and falsification of university records, shall result in academic and/or disciplinary action. The Code of Conduct, published in the Student Guidebook, is a part of the terms and conditions of admission and enrollment and applies to all undergraduate students, graduate students, and student organizations.

Academic Standing/Academic Progress
Colleges, schools, and departments have established regulations governing academic standing and academic progress at the graduate level. It is the student’s responsibility to become familiar with unit regulations and program requirements.

Graduation Requirements
The following are minimum requirements for the master’s degree. Individual program requirements may exceed the minimum listed below.

- Apply for graduation by the deadline indicated in the university calendar.
- Earn a minimum of 30 credit hours with a minimum of a 3.0 GPA on a 4.0 scale.
- At least 20 hours of the coursework for the degree must be non-thesis.
- A majority of the credits toward a graduate or post-baccalaureate professional degree must be earned through FGCU.
- Complete all program requirements, as determined by the appropriate college.

Consult with program coordinators for specific details regarding graduation requirements.

Thesis Preparation Guidelines
A number of the graduate programs at FGCU require the completion of a research thesis. Programs should be contacted directly to determine if the degree is thesis-based. Specific guidelines for the construction, format, and filing of a thesis are prescribed by the University. Those guidelines can be obtained by contacting the Office of Graduate Studies or your program coordinator.

Application to Graduate
An Application to Graduate form must be submitted to the appropriate college advisor in the term of expected graduation by the deadline noted in the academic calendar. By submitting the form, a student initiates the process of verifying degree requirements and ensures that commencement information and registration form is sent to the student. If an application for graduation is denied, a new application must be submitted by the deadline in the new term.

It is the student’s responsibility to clear all incomplete (I) grades and to provide official transcripts of all transferred coursework needed for graduation prior to the application deadline. A student taking an incomplete (I) in any course during the semester in which they have applied to graduate will be denied graduation for that semester. Grade changes and transfer work received after the degree statement has been posted to the transcript will not be incorporated into the degree.

Commencement
Commencement ceremonies are held twice a year, in May and December. Florida Gulf Coast University offers a candidate ceremony and not a degree conferral ceremony. Degrees for all candidates who complete degree requirements will be certified by the appropriate college after the official close of the term, as noted in the academic calendar. Degree information and diplomas are made available within 4-6 weeks after the close of the term.

The May commencement is for graduation candidates who have completed or plan to complete all degree requirements in the spring term. The December ceremony is for graduating candidates who have completed or plan to complete all degree requirements in the summer or fall terms. Students who submit graduation applications by the published deadline will receive commencement information.

Students who wish to walk early (participate in a commencement exercise other than the one designated for their term of completion) must submit a Petition to Walk Early and must meet the requirements for such. The petition can be obtained from the Office of the Registrar or college faculty advisor and must be submitted through the student’s college/faculty advisor no later than the date provided on the form. All petitions that meet the guidelines will be approved on a space available basis. Space availability is based on the number of applied candidates and seating limits of Alico Arena.

For more graduation and commencement information, go to the Office of the Registrar web site: http://enrollment.fgcu.edu/registration/graduation.html.

Office of Graduate Studies
The Office of Graduate Studies, within the Office of Academic Affairs, serves three principle functions for Florida Gulf Coast University: (1) to ensure that the graduate educational needs of Southwest Florida are well served; (2) to provide support and facilitation as the University’s graduate programs grow in breadth, depth, and reputation; and (3) to maintain the highest level of standards and accountability in graduate education. The Graduate Studies Director and staff work cooperatively with the College Deans and Graduate Program Coordinators and Advisors to recruit and retain graduate students, to plan and develop new graduate programs, to expand and promote existing programs, to develop and enforce policies and procedures, to provide resources for the graduate faculty and students, and to facilitate program assessment and accreditation. In addition, the Office oversees the graduate admissions process.
Mission Statement
The College of Arts and Sciences (CAS) at Florida Gulf Coast University is dedicated to providing a quality liberal arts education that is the foundation for a free and just society. As a community of scholars, we seek to foster intellectual breadth and depth, reasoned and civil inquiry, intercultural understanding, an ecological perspective, and civic engagement in order to prepare students for a life in the 21st century that is at once informed, examined, and engaged. We support scholarly activity that advances teaching and contributes to the broader intellectual, artistic, and professional communities. Our college faculty and administration share the belief that interdisciplinary collaboration and scholarship enhance our individual disciplines and benefit our students. We further acknowledge that service to the southwest Florida community is a public trust and a social responsibility. In all of our activities, we are committed to celebrating and nurturing human freedom and elevating the human spirit.

Founded on the university’s student learning goals and emphasizing the integration of knowledge across disciplines, our programs in the arts, humanities, natural sciences, and social sciences offer students the opportunity to develop the knowledge, skills, and values necessary for success in their professional careers along with the philosophical, scientific, and artistic habits of mind indispensable for a democratic society and a rewarding personal life. We challenge students to express informed convictions, exercise independent judgment, and make a lifelong commitment to learning. By encouraging tolerance, generosity, humility, wisdom, creativity, and courage, we strive to prepare students for a rapidly changing world, constructive engagement with diverse cultures and beliefs, responsible participation in their communities, and a deeper appreciation of the beauty and scope of human experience.

Scholarly activity provides a source for the creation and communication of artistic insights, fresh ideas, and current information related to our teaching, our individual disciplines, and to the integration of knowledge that lies at the heart of our liberal arts mission. Through scholarship, we interact with colleagues in the academic community and in the southwest Florida region. Likewise, in our service, we expand the boundaries of the university and join a wider community in nurturing a sustainable and enriched society.

Admission to Undergraduate Programs
In general, admission to undergraduate programs in the College of Arts and Sciences is open to all students who have been accepted to Florida Gulf Coast University, are in good academic standing, and have completed the common prerequisite courses with a grade of C or higher. Some programs, however, have additional admission requirements. These requirements are listed with the program descriptions.

Undergraduate Advising
239-590-7196
Students must meet with a college advisor prior to entrance into any of the programs and prior to beginning coursework for an individualized program of study. A signed advising contract, which serves as a check sheet of requirements, is required.

Required courses are discipline-specific courses that must be taken in a major. Elective courses are chosen by the student
within limits established by the major and in consultation with an academic advisor. It is anticipated that elective courses for the majors will be offered periodically; however, students are encouraged to consult with an advisor regarding the availability of specific courses.

Minimum Requirements for Baccalaureate Degrees

- Students must satisfactorily complete a minimum of 120 credit hours with a cumulative GPA of 2.0 in all coursework attempted at FGCU, including at least 48 upper division hours (courses numbered 3000 and higher) and 36 credit hours of approved general education coursework in the subject areas of communication, mathematics, social science, humanities, and natural science (refer to General Education section). A minimum of 30 of the last 60 credit hours must be earned at FGCU.
- Students must satisfy the following requirements: CLAST, foreign language, and Gordon Rule writing and computation.
- The State of Florida has identified common prerequisites for all university programs. All students entering a particular field of study must complete these courses, and universities must accept and apply the specified courses toward the degree. The common prerequisites should be taken in the first two years of study. Some courses may meet general education requirements, as well as fulfill common prerequisite requirements; however, a course may not be used as both a common prerequisite and a required or elective course within a major. Common prerequisites for College of Arts and Sciences programs must be completed with a grade of C or higher prior to beginning coursework in the major. The applicable common prerequisites are listed for the information for the major.
- Students must complete coursework in the Interdisciplinary Core with a minimum grade of C in each course that is required for their program of study.
- Students must complete coursework in a chosen major or individualized program of study with a minimum grade of C in each course.
- Students must complete additional university requirements for the baccalaureate degree, including service learning hours, summer registration requirement, and IDS 3920 University Colloquium (3 credit hours). For more information about service learning, please contact a college academic advisor or the EaglesConnect office (www.fgcu.edu/connect/). A complete list of graduation requirements for the baccalaureate degree is included in the College of Arts and Sciences advising contract.

Minimum Requirements for Minors

The following requirements apply to all minors in the College of Arts and Sciences:
- Prior to beginning the coursework for the minor, a student should meet with a CAS advisor to apply for the minor.
- All courses in the minor must be completed with a grade of C or better.
- A minimum of 12 credits of the minor must be completed at FGCU.
- A student desiring certification of a minor and designation on the transcript must:
  o Note the minor on the Application for Graduation;
  o Contact a CAS advisor to certify the completion of the minor coursework; and
  o Meet all the requirements for the chosen minor as listed in the university catalog.

Admission to Graduate Programs

Applications are accepted for admission to the College of Arts and Sciences graduate programs for fall semesters. Prior to admission to a graduate program, students may complete a maximum of nine credit hours of graduate level courses on a non-degree-seeking basis. Minimum admission requirements for each degree program are listed under that program’s heading.

Graduate Advising

Following admission to the program, students work with the Graduate Studies Coordinator in their program to determine their course of study.

Interdisciplinary Programs

The B.A. in Liberal Studies degree program provides flexibility in meeting individual student interests and learning goals. Students have the option of designing an individualized plan of study, subject to approval by the college. In addition to developing unique programs of study to meet their individual interests, students may develop programs of study in the areas of Pre-Med and Pre-Law. The individually developed course of study must have an acceptable rationale and coherence, and all individual course prerequisites must be met. To ensure that a course of study can be successfully developed, students interested in this option must consult a CAS advisor before beginning coursework.

Interdisciplinary minors: African and Diaspora Studies, Community Planning and Development, Global Studies, Latin American Studies, Southwest Florida Studies, and Women’s Studies.

Bower School of Music

Nancy Cobb-Lippens, D.M.A., Founding Director
Program Coordinator: Pam Harkins 239-590-7851
Music Modular Building
Faculty:
M. Baron, D.M.A.; R. Chesnutt, Ph.D.; J. Darnell, D.M.A.; D. Hess, Ph.D.

Degree: Music (B.A.)
Minor: Music

The mission of the music program at FGCU is to offer students musical and academic preparation for a career in music while also providing preparation for life in the 21st century through general education and interdisciplinary studies. Studies in music will balance development of the student’s individual musical skills (performance area and musicianship studies), the thorough study of musical structure and style (music theory, history and literature studies), group performance skills (ensembles) and leadership skills (conducting, pedagogy and methods courses). The 21st Century context requires that musical studies also include knowledge of available technology and diverse music from around the world. The B.A. in Music program develops highly-skilled musicians who are also broadly-educated, responsible citizens making a difference in society through connecting their art to a diverse world.

Department of Biological Sciences

Chair: Jo Ann Wilson, Ph.D.
Executive Secretary: Claire Dupres 239-590-7153
Whitaker Hall 234


Degree Programs: Biology (B.A. and B.S.); Biotechnology (B.S.)
Minor: Biology

The B.A. in Biology program integrates a biological science disciplinary course of study with an issues-based interdisciplinary core. The science curriculum provides groundwork in
The chemical, mathematical, and physical sciences, as well as a broad foundation in the biological sciences. The program prepares students for entry-level science positions, graduate study in the biological sciences, and professional studies such as optometry, veterinary medicine, dentistry, pharmacy, and medicine.

The B.S. in Biology program offers two concentrations: the Accelerated 3+4 Pre-Medicine Concentration and the Pre-Professional Concentration. The core curriculum provides a background in the chemical, mathematical, and physical sciences, as well as a broad basis in the biological sciences that prepares students for continued education in medicine and other professional programs of study. The Accelerated 3+4 Pre-Medicine Concentration is offered through an agreement with the University of South Florida College of Medicine. The Pre-Professional Concentration provides a rigorous curriculum giving students the opportunity to select courses that will prepare them for admission to a professional school for a career in areas such as allopathic and osteopathic medicine, dentistry, veterinary medicine, optometry and pharmacy.

The B.S. in Biotechnology program provides students with opportunities to understand living organisms at the cellular and molecular level. The curriculum emphasizes hands-on learning and provides undergraduate research experiences. Students learn how to apply biological knowledge to solve current problems in fields such as Agriculture, Medicine, and Environmental and Marine Sciences. Graduates are prepared to pursue advanced studies in the sciences; to enter professional studies at medical, dental, veterinary, or pharmacy schools; or to enter the workforce in industrial, academic, or governmental laboratories.

### Department of Chemistry and Mathematics

*Chair: Richard Schnackenberg, Ph.D.*
*Executive Secretary: Kathy McElroy 239-590-7195*
*Whitaker Hall 258*

**Faculty:**


**Degree Programs:** Chemistry (B.A.); Mathematics (B.A.)

**Minors:** Chemistry; Mathematics

The B.A. in Chemistry program provides students with opportunities to study the properties of matter, the physical material of the universe. Students will gain an understanding of nature and the world we live in through core courses in the major. Applications of chemistry to issues that affect daily life such as production and detection of pollutants, vitamins, and agricultural products, will also be studied and related to basic chemical concepts. Pedagogically, lectures are combined with group problem-solving activities with an emphasis on lab-centered, hands-on learning rather than the traditional lecture format.

The B.A. in Mathematics program provides opportunities for students to develop general analytical and problem-solving skills and gain specific knowledge. The world is rapidly becoming more quantitative, and mathematicians and statisticians are in increasing demand in a wide range of fields, including business, agriculture, computer science, communications, engineering, environmental studies, government, and the natural and social sciences. Students study up-to-date discoveries in mathematics that are being used in modern theory and applications, making use of the latest technological tools for investigating mathematical and statistical concepts and problems. Students practice solving real-world problems.

### Department of Communication and Philosophy

*Chair: Maria F. Loffredo Roca, Ph.D.*
*Executive Secretary: Erin Tobiasz 239-590-7263*
*Reed Hall 207A*

**Faculty:**


**Degree Programs:** Communication (B.A.); Philosophy (B.A.)

**Minor: Philosophy**

The B.A. in Communication provides a solid foundation for students seeking careers in numerous fields including business, law, journalism, public relations, mass communication, and environmental communication. Students develop thinking, speaking, and writing abilities while also developing practical, professionally marketable skills. Coursework emphasizes communication studies, public relations, political communication, and environmental communication.

The B.A. in Philosophy provides a solid grounding both in the history and in the practice of philosophy. Graduates are prepared in a variety of critical thinking methods that are applicable in many areas of intellectual and practical endeavor. The program is organized among three categories of courses: Philosophical Methods, the theory and practice of different ways of philosophizing; History of Philosophy, the tradition of arguments that forms the basis for contemporary philosophy; Applied Philosophy, the philosophical reflection applied to different intellectual and practical subjects. A distinctive emphasis of the program will be student performance of philosophical skills, including oral argumentation.

### Department of Language and Literature

*Chair: Joe Wisdom, Ph.D.*
*Executive Secretary: Lynne Garcia 239-590-7198*
*Reed Hall 207H*

**Faculty:**


**Degree Programs:** English (B.A. and M.A.); Spanish (B.A.)

**Minors:** Creative Writing; English; Spanish

The B.A. in English program provides students with opportunities to develop skills that enhance their ability to thrive in dynamic, vibrant cultural landscapes; that initiate a lifelong process of inquiry, exploration, and discovery; and that can be applied in changing professional and personal settings. The program teaches research, analysis, and argumentation skills that allow students to evaluate and interpret texts from a variety of perspectives. Literary and cultural studies promote an awareness that extends beyond aesthetic appreciation: students enrich their understanding of themselves and
their world by delving into underlying causes, formulating and communicating complex ideas, and exploring the converging forces that produce cultural beliefs and artifacts.

The M.A. in English program provides students with graduate education in the study of literature and culture as well as expository and creative writing. The program is designed to provide advanced instruction in literary analysis with an emphasis on critical thinking skills and research and communication skills. The program prepares students for beginning or advancing their teaching careers at the elementary, secondary, and community college levels. Additionally, the degree is designed to prepare students who wish to continue their studies in Ph.D. programs in English and American Studies. The M.A. in English can also be considered a terminal degree for those planning careers in various professional fields in business and government, including writing, editing and publishing, advertising and public relations, and business administration and management.

The B.A. in Spanish program provides students with a broad background in the Spanish language and the different cultural groups that have been influenced by that language. Students who major in Spanish have the opportunity to explore a wide variety of topics and subject areas through face-to-face interaction, field experiences and, in some instances, study abroad opportunities.

Department of Marine and Ecological Sciences
Chair: Aswani Volety, Ph.D.
Executive Secretary: Caroline Campbell 239-590-7197
Whitaker Hall 245

Faculty:

Degree Programs: Anthropology (B.A.); Environmental Studies (B.A.); Environmental Science (M.S.); Marine Science (B.A.)

Minors: Anthropology
The B.A. in Anthropology program integrates a wide range of perspectives on human behavior, culture, and society. Students learn the basic concerns and approaches through four sub-fields of the discipline: archaeology, physical anthropology, cultural anthropology, and anthropological linguistics. This major is for anyone interested in working with people in all of their cultural diversity, solving social problems, teaching social sciences, and examining human behavior and biology from an evolutionary point of view.

The B.A. in Environmental Studies program emphasizes the study of critical environmental issues facing our planet. The program offers integrated interdisciplinary learning experiences based in the classroom, in the laboratory, in the field, and off-campus. Students develop skills and experience in gathering, analyzing, and synthesizing information; applying the process of science to public policy development; communicating effectively, solving problems, and working collaboratively in professional settings; applying systems perspectives to environmental issues that involve the historical, cultural, economic, and ecological considerations.

Department of Social and Behavioral Sciences
Chair: Eric Strahorn, Ph.D.
Executive Secretary: Eliane Smith 239-590-7417
Modular 1, Lobby

Faculty:

Degree Programs: History (B.A.); Psychology (B.A.); Sociology (B.A.)

Minors: History; Psychology; Sociology
The B.A. in History program develops the mind and sparks a capacity for critical inquiry. Students learn the process of historical inquiry and develop communication, critical thinking, and analytical skills. History provides a solid base from which undergraduates can move into a wide variety of specialized programs in graduate or professional schools, or into a teaching career. The study of history has provided the background for thousands of the nation’s most successful lawyers, bankers, government administrators, business executives, authors, performing artists, journalists, ministers, and politicians.

The B.A. in Psychology program prepares students for the rapidly changing professional world, for teaching in middle or high school, or for graduate study. The psychology major focuses on broad training across a variety of content areas, including clinical, social, developmental, cognitive, quantitative, and biological basis of behavior. Students also receive training in conducting independent research and have the opportunity to participate in independent research study and applied community practice.

The B.A. in Sociology major provides students with the knowledge and skills to be effective change agents in society, to contribute positively to the quality of life, and to be globally aware. The program emphasizes the study of social and cultural forces which shape the behavior, beliefs, and relationships of individual members of a larger society. Students gain valuable skills including effective writing, problem-solving, data analysis, teamwork, research design and execution, critical thinking, and oral communication. The sociology major provides an excellent foundation for a wide range of career and graduate school pursuits.

Department of Visual and Performing Arts
Chair: Barry Cavin, M.F.A.
Executive Secretary: Karen Ludington 239-590-7238
Arts Complex 107

Faculty:

Degree Programs: Art (B.A.); Theatre (B.A.)

Minors: Art
The B.A. in Art program combines rigorous traditional art studio experiences that inform students’ hands with intellectually demanding academic coursework that educates their minds about our era’s ideas, values, and individual perspectives. Through the study of a variety of art media, the incorporation of art historical information, and the effective presentation of student work, the art curriculum provides students with the opportunity to grow and prosper as art makers.
As the arts of theatre continually adapt to new cultural realities, it is important that theatre educators, practitioners, and students fully understand not only the current cultural givens within which they find themselves but also how theatre should respond to or challenge those realities. Our program is poised to train the new theatre student to be analytical of culture, thoughtful in creative response, and supple in negotiating the ever-changing modes of presentation. The BA in Theatre at Florida Gulf Coast University offers a dynamic balance of theory and application. We train students in the whole craft of theatre: performance, technology, theory and criticism. Our emphasis is on theatre of social engagement and a theatre of the future. Our curriculum reflects the learning goals and outcomes of the university and we are committed to demonstrating those values in every class and every production we put before an audience. Students, choosing this course of study will graduate better equipped to function in the volatile world of live art, will have the skills necessary to produce theatre, and will have the theory to know why.
LUTGERT COLLEGE OF BUSINESS
Reed Hall
239-590-7302
http://www.fgcu.edu/cob/

Acting Dean and Alico Chair in Financial Management and Planning: J. Howard Finch, PhD
Associate Dean for Assessment and Enrollment Management: Carol Burnette, MBA
Director, Center for Leadership and Innovation: David Kakkuri, PhD
Director, Small Business Development Center: Daniel Regelcki, MBA

The Lutgert College of Business (COB) is named in honor of Raymond L. and Beverly Lutgert. Their generous gift will help provide a state-of-the-art building to house the undergraduate and graduate business programs.

Vision
The Lutgert College of Business will help set new standards of excellence with its academic programs, faculty accomplishments, and student success, while continuously reflecting the dynamic environment of modern business opportunities. The college’s model of partnership with its external business constituents will be a national benchmark that will constantly bring powerful new knowledge into our undergraduate and graduate learning. The college will be an international leader in innovative ways of integrating technology and global awareness into the business education experience.

Mission
The Florida Gulf Coast University Lutgert College of Business is dedicated to providing technologically progressive educational programs and services designed to enhance the skills and competencies of university students and working professionals in the five-county region of Southwest Florida. We achieve this through a variety of flexible partnerships, programs, and scholarship within a ‘second circle’ international partnership model that bridges the university and the domestic and international community in a technologically advanced and rapidly changing global economy.

Accreditation
The Lutgert College of Business is accredited by AACSB International – The Association to Advance Collegiate Schools of Business.

Undergraduate Learning Goals
The following goals give direction to the college’s mission, and recognize that scholarship and service support the primary focus on teaching and learning.

Goal 1: Ensure graduates attain competency in the following core areas:
- Technological proficiency: Graduates will be able to use technology to facilitate life-long learning and professional development and to add value to clients, customers, and employers.
- Communication skills: Graduates will be able to give and exchange information within meaningful contexts and with appropriate delivery and interpersonal skills.
- Teamwork and interpersonal skills: Graduates will be able to work with others in diverse and cross-functional environments and to both follow and to lead as the need arises.
- Systems orientation: Graduates will understand the interrelated nature of the various functional areas of business and the information needs and flows of the various parts of an organization. They will also be able to function within systems that are constantly adapting to changes in the internal and external environments.
- Creative and analytical thinking: Graduates will be able to link data, knowledge, and insight to make quality strategic decisions on a timely basis.

Appreciation of the diverse environment of business: Graduates will have a broad perspective of the diverse demographics and environment of business. They will understand the issues and challenges encountered by profit
and not-for-profit entities, entrepreneurial enterprises, and businesses functioning in a global economic environment.

• Ethical framework: Graduates will be aware of their general ethical responsibilities to clients, customers, employers, and the environment, as well as the specific ethical standards of their profession.

Goal 2: Create and foster academic programs and business partnerships that are regionally responsive to the economic development needs of Southwest Florida and strengthened through state, national and global outreach.

Goal 3: Encourage faculty to engage in a wide array of scholarship, including applied scholarship that contributes to the economic development of Southwest Florida.

Goal 4: Actively practice assessment and continuous improvement leading to high quality programs and methods of instruction.

Graduate Learning Goals
The following goals give direction to the college’s mission, and recognize that scholarship and service support the primary focus on teaching and learning.

Goal 1: Ensure graduates attain competency in the following core areas:

• Technological proficiency: Graduates will be able to use technology to facilitate life-long learning, to enhance leadership development and to add value to stakeholders, customers, and employers.

• Communication skills: In their leadership positions, graduates will be able to give and exchange information within meaningful contexts and with appropriate delivery and interpersonal skills.

• Teamwork and interpersonal skills: Graduates will be able to work with others in diverse and cross-functional environments and to lead as the need arises.

• Systems orientation: Graduates will understand the interrelated nature of the various functional areas of organizations and the information needs and flows of organizations. They will also be able to lead and to adapt to changes in the internal and external environments.

• Creative and analytical thinking: Graduates will be able to link data, knowledge, and insight to make quality strategic decisions on a timely basis.

• Appreciation of the diverse environment of business: Graduates will have a global perspective of the diverse demographics and environment of organizations. They will understand the issues and challenges encountered by profit and not-for-profit entities, and entrepreneurial enterprises.

• Ethical framework: In their leadership roles, graduates will understand that organizations operate within a global environment with a responsibility to their stakeholders to consider the organizations’ impact on legal, ethical, social, and environmental issues.

Goal 2: Create and foster academic programs and business partnerships that are regionally responsive to the economic development needs of Southwest Florida and strengthened through state, national, and global outreach.

Goal 3: Encourage faculty to engage in a wide array of scholarship, including applied scholarship that contributes to the economic development of Southwest Florida.

Goal 4: Actively practice assessment and continuous improvement leading to high quality programs and methods of instruction.

Graduate Grading Policy
The college has established the following grading policy for graduate programs:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>Above Average</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>Above Average</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>Average</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>Below Average</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>Below Average</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>Below Average</td>
<td>2.0</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0.0</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>0.0</td>
</tr>
<tr>
<td>NR</td>
<td>Not Reported by professor</td>
<td>0.0</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory</td>
<td>0.0</td>
</tr>
<tr>
<td>T</td>
<td>Transfer grade</td>
<td>0.0</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory</td>
<td>0.0</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal without academic penalty</td>
<td>0.0</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawal with academic penalty</td>
<td>0.0</td>
</tr>
<tr>
<td>X</td>
<td>Audit (no academic credit)</td>
<td>0.0</td>
</tr>
</tbody>
</table>

Student grades are available via Gulfline at http://gulfline.fgcu.edu

Graduate Academic Standing
• Graduate students are required to maintain a minimum cumulative GPA of 3.0 (on a 4.0 scale) throughout the program, and a minimum GPA of 3.0 is required for graduation.
• Failure to maintain the 3.0 GPA places the student on academic probation. The student has one semester to bring the average back up to a 3.0. Failure to do so may result in academic suspension from the program.
• Graduate students who receive three grades of C or lower are automatically suspended from the program.

Student Organizations
http://www.fgcu.edu/cob/organizations.html

• Beta Gamma Sigma (honor society)
• Graduate Business Association (GBA)
• Undergraduate Business Association (UBA)
• Accounting Society
• AdVentions, American Advertising Federation (AAF) College Chapter
• Collegiate Entrepreneur’s Organization
• Society for Human Resource Management
• Student Finance Association

Office of Student Affairs
Reed Hall
239-590-7302
http://www.fgcu.edu/cob/advising.html

Academic Advisors: A. MacDiarmid, MA; M. Ouverson, MS; N. Parker, MDiv

The Lutgert College of Business, Office of Student Affairs provides the following services for undergraduate and graduate students:
• Academic advising and program information for current and potential students
• Referral to faculty mentors and campus resources for career planning
• Consultation regarding internship opportunities
• Orientation for students applying for admission to the college
• Assistance with issues related to registration and academic standing
• Evaluation of academic transcripts and articulation of transfer credits
• Maintenance of academic advising records and degree audits
• Certification of graduation
Students are expected to take primary responsibility to meet with their academic advisor on a regular basis to ensure completion of all requirements for graduation.

Department of Accounting and Finance
Chair and Moorings Park Chair in Managerial Accounting: Ara Volkan, PhD, CPA
Marguerite and Guy Howard Professorship in Business: Carl Pacini, PhD, JD, CPA
Lucas Professorship of Real Estate: Shelton Weeks, PhD
Faculty: C. Andrews, DBA, CPA; D. Borgia, PhD; D. Burgess, PhD, CPA; J. Conrecode, MBA, MS, CPA; B. Hobbs, PhD; T. Jones, PhD; R. Placid, JD, CPA; J. Rue, PhD, CPA; S. Scheff, MBA

Degrees: Accounting (B.S.), Accounting and Taxation (M.S.), Finance (B.S.)
Minors: Real Estate

Department of Computer Information Systems, Computer Science, and Decision Sciences
Chair: Judy Wynekoop, PhD
Alco Chair in Operations Management and Strategy: Walter Rodriguez, PhD, PE
Faculty: R. Boggs, PhD; D. Guo, PhD; E. Kirche, PhD; K. Nakatani, PhD; M. Pendergast, PhD; M. Soklic, PhD; R. Srivastava, PhD; H. Yazici, PhD; J. Zalewski, PhD; F. Zhao, PhD

Degrees: Computer Information Systems (B.S.), Computer Information Systems (M.S.), Computer Science (B.S.)
Minors: Computer Information Systems, Software Engineering

Department of Management
Chair: Gerald Schoenfeld, PhD
Uncommon Friends Chair in Ethics: Charles Fornaciari, PhD
Faculty: D. Andert, EdD; S. Drew, PhD; K. Eastwood, PhD; C. Mathews, PhD; A. Platt, PhD; M. Renard, PhD; W. Ritchie, PhD; A. Rubens, DrPH; G. Segal, PhD

Degrees: Management (B.S.)
Minors: Management

Department of Marketing and Economics
Chair and Alco Chair in Market Analysis and Development: Stuart Van Auken, PhD
Faculty: K. Aboulnasr, PhD; L. Duffus, PhD; G. Jackson, PhD; B. Langford, DBA; D. Stansel, PhD; M. Swaleheen, PhD; C. Sweeney, MS; L. Wells, PhD; C. Wright-Isak, PhD

Degrees: Marketing (B.S.)
Minors: Advertising, Economics, Marketing

Undergraduate Programs
http://www.fgcu.edu/cob/undergrad/

The B.S. in Accounting prepares students for careers in government, industry, public accounting, and service organizations. The faculty are committed to preparing graduates who are not only technically competent, but who possess the full range of business professional skills. Students are required to use a variety of technology tools in class assignments. Courses include projects designed to enhance critical thinking, oral and written communications, and teamwork skills and foster awareness of ethical and global issues.

The B.S. in Computer Information Systems (CIS) prepares students for careers in the computer and information technology industry, as well as for careers in government and service organizations. Graduates of this program are not only technically competent, but have a complete understanding of business. Students learn how to use information technology to facilitate business success. Courses include projects designed to enhance critical thinking, oral and written communications, and teamwork skills. Students are introduced to ethical and global issues via the study of CIS business cases.

The B.S. in Computer Science (CS) prepares students in the theory and methods of processing information in digital computers, the design of computer hardware and software, and the application of computing and networking technologies in business and science. The program focuses on engineering aspects of software and hardware development. A concentration in Software Engineering is available. Although the CS program is offered by the Lutgert College of Business, it is a non-business degree.

The B.S. in Finance develops the analytical and behavioral skills necessary for success in dynamic domestic and global financial environments. Students are introduced to the theory, concepts, applications, institutional environment, and analytical tools essential for proper decision making. Courses are designed to provide students with an understanding of the relationship between business finance and the economic system in the context of the management decision-making process. The appropriate use of technology, new organizational structures, entrepreneurial thinking, and international awareness is integrated throughout the program. The goal of the finance program is to impart knowledge and competence in finance that will prepare students for entry-level and leadership positions in public and private organizations such as financial management, banking, investments, and real estate.

The goal of the B.S. in Management is to prepare students for success in modern business organization and to advance their careers in management. The program allows students to remain broad-based in their selection of courses. Three optional concentrations are available: Entrepreneurship, Human Resource Management, and Sports Management. Graduates may seek entry-level positions in profit and non-profit organizations or the public sector as management trainees, assistant managers, customer service representatives, human resource generalists, executive sales representatives, sports management executives, account executives, or labor relations specialists. Graduates may also choose to work for a small or family-owned business or to become entrepreneurs.

The B.S. in Marketing prepares students for careers in marketing by developing their understanding of the social and economic forces at work in national and global markets. The marketing major focuses on enhancing the knowledge and skills that enable managers to develop and maintain successful relationships with consumers and organizational customers through the planning, implementation, and control of marketing activities. The program emphasizes the use of analytical and environmental analyses to engage in strategic market planning, market segmentation, and competitive positioning. The program also develops the strategic implications of consumer behavior, product development and branding, promotion, pricing, and distribution channels.

Graduate Programs
http://www.fgcu.edu/cob/grad/

The Master of Business Administration (M.B.A.) program provides students with a challenging curriculum and preparation for leadership in careers across all types of business
and public organizations. This professional degree program emphasizes the application of analytical, technical, and behavioral tools to solve organizational problems. Within the coursework required for the degree, students learn fundamental concepts across all of the business disciplines. Leadership and teamwork, the appropriate application of technology, entrepreneurial approaches, and global and ethical awareness are integrated throughout the program.

The **Executive M.B.A.** is a two-year program tailored for the experienced professional. This M.B.A. degree program has a leadership and strategic focus and is designed to provide the tools critical for meeting the current and future operational challenges faced by virtually all highly competitive organizations. Upon admission to the program, students are required to complete a total of 36 credit hours in one of three concentrations: General Management, Health Care Management, or Real Estate Development and Finance. Classes are held biweekly on Friday and Saturday at the Center for Leadership and Innovation, an extension site of the university located in the Gateway area. In addition, students are required to attend a one-week session prior to the beginning of the first fall semester, and participate in an international study experience during the summer semester between years one and two of the program. This schedule allows students to continue their full-time professional commitments while progressing through the program.

The **M.S. in Accounting and Taxation** prepares students for careers in accounting and taxation. The program focuses on advanced technical competence in accounting and/or taxation, the effective use of technology in research and practice, effective communications with clients and other stakeholders, ethical responsibilities, and the development of life-long learning skills to maintain professional competence. Students may select either an accounting or tax track. The accounting track includes courses in accounting theory, international accounting, and accounting information systems. The tax track includes coverage of entity taxation, international taxation, tax research, and the taxation of estate and gifts.

The **M.S. in Computer Information Systems** program prepares graduates for leadership positions in the information technology field. The program emphasizes the management of computer information systems and networks. The curriculum provides a solid background in information technology management, systems analysis, database management, project and change management, electronic commerce, and contemporary business practices.
U.A. WHITAKER SCHOOL OF ENGINEERING
155 Reed Hall
http://www.fgcu.edu/cob/eng/
239-590-7390

Founding Director: Susan M. Blanchard, PhD
Academic Program Director: Lisa Zidek, PhD

The U.A. Whitaker School of Engineering is named in honor of Uncas A. Whitaker. A generous gift from The Whitaker Foundation has made the U.A. Whitaker School of Engineering a reality. In addition, Holmes Hall (the future home of the U.A. Whitaker School of Engineering) will be named in honor of Dr. G. Burt Holmes and Dr. Ruth Holmes, whose generous gift will help provide a state-of-the-art building to house the engineering programs.

Vision
The U.A. Whitaker School of Engineering at Florida Gulf Coast University will be internationally recognized for excellence in interdisciplinary engineering education.

Mission
The mission of the U.A. Whitaker School of Engineering is to graduate engineers and community leaders in selected engineering disciplines with superior technical competence and business skills to meet the engineering challenges of Southwest Florida and beyond. This is accomplished in an entrepreneurial and innovative educational environment that values diversity, service, integrity, leadership, and collaborations.

Academic Advising and Records
239-590-7390
http://www.fgcu.edu/cob/eng/

Academic Advisor: Diana Stoppiello, MBA

Students do not need to select a major prior to admission to the university. The first three semesters of coursework are common to all undergraduate programs, providing students with time for thoughtful selection of a major. The engineering course, “EGN 1006L Introduction to the Engineering Profession,” which is required of all engineering students, provides an introduction to selected fields of engineering and focuses on hands-on laboratory activities and exploration of professional opportunities associated with the engineering degree programs offered at FGCU.

The U.A. Whitaker School of Engineering provides the following services for students:
• Academic advising and program information for current and potential students
• Referral to faculty mentors and campus resources for career planning
• Communication regarding internship opportunities
• Orientation for students applying for admission to the school
• Assistance with issues related to registration and academic standing
• Evaluation of academic transcripts and articulation of transfer credits
• Maintenance of academic advising records and degree audits
• Certification of graduation

Students are expected to take primary responsibility to meet with their academic advisor on a regular basis to insure completion of all requirements for graduation.

The baccalaureate degree programs in the U.A. Whitaker School of Engineering are in the final stages of development and approval; consequently, curricula and degree requirements are subject to change. The engineering degree programs help prepare students to be successful when taking the Fundamentals of Engineering Exam, the first step towards professional licensure. Although the engineering degree programs are offered by the Lutgert College of Business, they are non-business degrees.
Department of Bioengineering
Chair: James D. Sweeney, PhD
Faculty: C. Geiger, PhD

Degree: Bioengineering (B.S.)

Bioengineering plays an important role in transforming discoveries at the intersection of engineering, the life sciences, and health care into innovative products and capabilities by applying new technologies to biomaterials, biomechanics, and biomedical instruments and procedures. Bioengineering combines engineering principles with biology and physiology from the molecular, cell, and tissue level up to the human form. Bioengineers solve problems to help improve human health and quality of life. Bioengineers can work in the medical device and biotechnology industries, in health care and research, and for government agencies, such as the FDA. Job opportunities in this field are expected to increase substantially by 2012.

The Bachelor of Science in Bioengineering emphasizes the application of new technology to biomaterials, biomechanics, and biomedical tools and procedures. Students learn how to solve problems associated with interactions between living and non-living materials and systems. Bioengineering students complete core courses common to all engineering majors as well as specialized courses in bioengineering. With the addition of another 4-credit general biology course, graduates will meet the pre-requisites for most medical schools.

Department of Environmental and Civil Engineering
Chair: Robert O’Neill, PhD, PE
Faculty: D. Bondehagen, PhD; C. Orndoff, PhD; C. Villiers, PhD

Degrees: Environmental Engineering (B.S.Env.E.)
Civil Engineering (B.S.C.E.)

Environmental Engineering involves the application of engineering principles to the design and development of systems, processes, and tools needed for the protection of the environment, human health, and natural ecosystems in order to foster sustainable development. The Bachelor of Science in Environmental Engineering (B.S.Env.E.) emphasizes municipal, natural, and industrial environments with focus on the core competency areas of water and wastewater treatment, water resources engineering, solid and hazardous waste management, and air and water quality control. This program employs a team-based interdisciplinary learning philosophy. This approach provides students with the critical thinking skills required for effective and innovative engineering practice.

The Bachelor of Science in Environmental Engineering (B.S.Env.E.) focuses on both natural and human-designed environments. This program provides students with knowledge for leadership in sustaining our world with particular emphasis on technologies needed to solve problems related to water, soil, and air pollution. B.S.Env.E. students complete core courses common to all engineering majors as well as specialized courses in environmental engineering.

Civil Engineering concerns the study of the conception, design, construction, and maintenance of large public and private projects. Civil engineers plan, design, and supervise the building of bridges, highways, railways, tunnels, airports, dams, water treatment and distribution systems, buildings, and many other types of structures. Environmental considerations, such as water supply, pollution control, and preservation of soil quality, are also important.
COLLEGE OF EDUCATION
Academic Building 3
http://coe.fgcu.edu/
239-590-7800

Dean: Marcia Greene, EdD
Associate Dean, Division of Undergraduate Studies: Lois Christensen, EdD
Associate Dean, Division of Graduate Studies: Patricia Wachholz, EdD
Assistant Dean: Sherree Houston, MA
Academic Advisor: Ed Beckett, MA
Academic Advisor: Olivia Hung-Simons, MS

Faculty
K. Bachman; D. Baylen, EdD; M. Bogan, PhD; L. Byrnes, PhD; D. Carothers, EdD; C. Carter, EdD; S. Cooper, EdD; L. Crayton, PhD; P. Davis, PhD; V. Dimidjian, PhD; E. Elliott, PhD; A. Finn, PhD; D. Giambo, PhD; C. Gishel, M.Ed.; J. Greene, M.Ed.; G. Hutchcraft, EdD; M. Isaacs, PhD; S. Mayberry, EdD; E. Paschall, Jr., PhD; L. Ray, PhD; D. Rea, PhD; T. Roberts, EdD; R. Sabella, PhD; D. Schmidt, EdD; M. Simpson, EdD.; S. Slick, Ph.D.; T. Szesci, PhD; D. Upham, PhD; T. Valesky, EdD; E. Vazquez-Montilla, PhD; E. Weingartt, ME; J. Wilkerson, PhD

Vision
We envision our graduates, and those they influence, as the learners and leaders of today and tomorrow. As learners, our graduates will continue to grow and develop as leaders within their field. As leaders, they will build upon the diverse backgrounds and perspectives they encounter to ensure that all individuals are able to construct the understanding necessary to become successful.

Mission
Our mission is to provide diverse environments of excellence that support dynamic learning experiences. In these environments, faculty and students reflect upon and engage in the applications of theory, research, and emerging technologies. These environments support the construction of knowledge, skills, and attitudes through collaboration and inquiry. As a result, faculty and students are empowered to create an enhanced quality of life within their respective communities.

Teaching Certification/Counseling Licensure/Endorsement
The College of Education (COE) offers courses and/or sequences of courses that can be used toward initial certification or endorsements by the Department of Education in a variety of teaching specialty areas and licensing by the Department of Health in Mental Health Counseling. The process of seeking and obtaining certification or licensing is separate from enrolling in COE courses or obtaining a degree. Students who have arrest or conviction records may be ineligible for certification or licensure in the State of Florida. Most certification and licensure requirements include passing state administered competency exams. Contact the COE advising office for additional information regarding exams. Contact appropriate state or school district personnel regarding certification and licensure procedures.

Technology Statement
The philosophy of the COE is that technology is one of numerous means of facilitating the educational process within the college and within the educational communities our programs serve. Technological proficiency is expected as a prerequisite skill, similar to the expectation that all learners can write, use appropriate grammar, access library resources, etc. The university provides a variety of opportunities for increasing technological proficiency, including courses, self-study guides, short courses, workshops, and tutoring. Students who do not own or have access to an adequate home computer system will be expected to utilize on-campus computing resources to complete many course requirements. Technology is an essential and integral aspect of each course, and some courses may have software requirements beyond those found on an average home computer.
Admission to Undergraduate Programs
Admission to the COE and to its upper division teacher education programs is separate from admission to the university and is contingent upon meeting all general university admission requirements and college admission requirements noted in the description for the major. Students who have not achieved admissions standards may, under special circumstances, be considered for admission into the college.

Undergraduate Advising
(239) 590-7778
http://coe.fgcu.edu/advising.html
The COE offers advising to students who are preparing to enter the college's programs, who have been admitted to its programs, or who are seeking advice concerning certification and recertification requirements that can be satisfied by enrolling in COE courses. Please contact advising staff at (239) 590-7778 for information concerning pre-admission, admission, degree programs, graduation, and certification. Once enrolled, students seek faculty advice and mentoring throughout their undergraduate study.

Transfer of Undergraduate Coursework
The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

Field Experience and Internships
(239) 590-7775
http://coe.fgcu.edu/internship/
Integrated field and final internship experiences include observing and teaching in early childhood, elementary, special education, and secondary education classrooms. Field experiences and final internship sites are selected from the five counties served by FGCU (Charlotte, Collier, Glades, Hendry, and Lee.) School placements are determined by the College of Education’s requirements. Field sites are chosen, in part, by the availability of clinical education trained teachers and by the site’s capability to accept cohort groups consisting of interns from different programs. Educational placements are also determined by sites offering opportunities to observe, interact, and teach with developmentally appropriate practices for all children, including those who are linguistically (ESOL and LEP), socially, ethnically, culturally, physically, emotionally, and intellectually diverse.

Field experiences and internships enhance the teaching experience by creating situations in which the intern will integrate theoretical knowledge from previous education courses with the classroom experience to demonstrate behaviors in an opportunity to apply and refine what has been learned in university classes. More specifically, it is an opportunity to integrate knowledge of child development, teacher behavior, and state mandates, including Educator Accomplished Practices, Sunshine State Standards, Goal Three Standards, national standards and Florida Performance Measurement System, in teaching skills, in making classroom decisions, and in thinking reflectively about decisions.

Students must apply for the integrated field experiences and final internship. Applications may be obtained from the COE Web site. It is the student’s responsibility to keep current about relevant requirements and deadlines. Special requirements for enrollment in the integrated field experiences include admission to the College of Education, and College of Education and internship course prerequisite requirements. A combined minimum grade point average of at least 2.5 in all upper level College of Education courses is required, as well as an over-all minimum GPA of 2.5. Undergraduates must have a C or higher in all courses required by the College of Education. Students (except for Secondary Education majors) must also demonstrate success in both their literacy and ESOL placements. Portions of the Florida Teachers Certification Exam (FTCE) must be passed before beginning internships. See an advisor for a current program of study to determine when the FTCE sub tests must be completed. Students who have arrest or conviction records may be ineligible for internships in the State of Florida.

Admission to Graduate Programs
The following are minimum requirements for admission into a graduate program in the College of Education:
• Baccalaureate degree or equivalent from a regionally accredited university.
• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution.
Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information).
Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.
• Submission of three favorable recommendations from professionals in the field.
• Students who are entering an initial education certification program without prior teacher certification or eligibility or those who are adding a teaching certification area from an approved program must also have passed all subsections of CLAST, FTCE General Knowledge Test, or Praxis I for admission. Applicants may substitute a score of 1000 or higher on the GRE for the admission score requirement.

If the number of qualified applicants to a program exceeds the capacity, preference will be given to students who, after review of the entire graduate application, demonstrate the strongest potential for success in the chosen field. Students who have not achieved minimum test scores or the minimum GPA but who meet all other requirements may, under special circumstances, petition the department to be considered for admission into a program.

Graduate Advising
(239) 590-7797
Degree-seeking students in graduate programs are advised by program faculty. Students are assigned advisors upon admission to programs. Once admitted, students are oriented by faculty in their individual programs. Students typically complete a plan of study with an advisor during the first semester of enrollment after admission to the degree program. Once completed, these plans of study are submitted for approval.

Transfer of Graduate Coursework
The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program. Decisions concerning the transfer of coursework are made at the time of admission. An approved plan of study will be developed in coordination with program advisors and/or faculty.
Minimum Requirements Master’s Degrees
The following are minimum requirements for a master’s degree from the COE:
• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program. A grade of B or higher must be earned in all COE graduate courses used as prerequisites and students must have an overall GPA of 3.0 or higher in all work attempted. Program courses in which students earn a grade below a B must be repeated.
• Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)
• Students seeking certification by graduating from a state approved program must take and pass all FTCE exam components as required by the State of Florida. These may include the Professional Education examination (taken by all applicants applying for an initial teaching certificate, a subject area examination (taken by all applicants in their subject area specialty), and the General Knowledge Test (if they do not already have Florida certification or if they have not already passed all subsections of the CLAST prior to July 1, 2002.) (See individual program requirements and/or advisors for information.)

Non Degree-Seeking Status
A student with an earned baccalaureate degree who is enrolling in COE classes on a non degree-seeking basis is classified as a “teacher certification” student. A “teacher certification” student may take courses in any college at the graduate or undergraduate level on a space-available basis providing course and program restrictions are met. The COE has set the limit of twelve (12) hours on coursework that can be earned in non degree-seeking status and applied to a graduate degree. Some graduate programs may restrict non degree hours to a maximum of 12 in that program, regardless of whether the hours will be applied toward a degree or are taken for another purpose.

Division of Undergraduate Studies

Degree Programs: Early Childhood Education (B.A.), Elementary Education (B.A.), Secondary Education (B.A.), Special Education (B.A.)
Minor: Education

COE undergraduate teacher education programs are referred to as “integrated programs.” Integrated programs include courses and experiences that are common to students in all majors as well as courses and experiences that are specific to the major. Students progress in cohort groups that consist of students from all majors. Curricula include extensive field experiences and learning expeditions that emphasize the development of essential themes and strategies relative to each block or set of courses. Curricula also provide prospective teachers with competencies to meet the needs of special students. Many courses require three or more hours of field work each week, as noted in course syllabi. The Educator Accomplished Practices specified as critical state competencies are taught and assessed throughout the curriculum and must be fully demonstrated prior to graduation.

The B.A. in Early Childhood Education is designed to prepare students for teaching from the Florida Department of Education for Prekindergarten/Primary (age 3 to grade 3), as well as Prekindergarten/Disability endorsement. Coursework and extensive field experiences enable students to dynamically integrate theory and teaching practices. Competencies include content-specific knowledge applicable to the unique developmental needs of this age population including a thorough understanding of cultural diversity, individual differences, and skills to work with children in individual ways, particularly English for Speakers of Other Languages (ESOL) students; and an emphasis on capabilities of teachers to work with children with atypical abilities and special needs.

The B.A. in Elementary Education is designed to prepare students for teaching in Florida’s elementary schools and for certification by the Florida Department of Education as elementary school teachers (K through grade six). The program of study includes coursework and extensive experience in elementary school settings throughout the FGCU five-county service area (Charlotte, Collier, Glades, Hendry, and Lee) to enable students to integrate theory with teaching practice.

The B.A. in Secondary Education offers three concentrations: Biology (6-12 grades), Mathematics (6-12 grades), and Social Science (6-12 grades). Field experiences are central to the Secondary Education program and commence in the first semester with increasing involvement throughout the program.

The B.A. in Special Education is designed to prepare students to attain certification in Exceptional Student Education, K-12 grades, which cover teaching children with emotional and behavioral disorders, developmental disabilities/mental retardation, specific learning disabilities, and physical disabilities. Field experiences are central to the special education program and commence in the first semester with increasing involvement throughout the program.

Division of Graduate Studies

Degree Programs: Counseling (M.A. or M.Ed.); Curriculum and Instruction (M.A. or M.Ed.); Educational Leadership (M.A. or M.Ed.); Elementary Education (M.A. or M.Ed.); Reading (M.Ed.); and Special Education (M.Ed.) Certificate Programs: Early Childhood Certificate; Elementary Education Certificate; Secondary Education Certificate; and Special Education Certificate

The M.A. or M.Ed. in Counseling program offers two concentrations: Mental Health Counseling and School Counseling. Students in both concentrations take common coursework in the areas of human development, legal and ethical issues of the profession, career development, appraisal methods, counseling theories, groupwork, practicum and research, and program evaluation. Additional specialized courses focusing on either mental health counseling or school counseling are offered in areas such as internship, human sexuality, addictions, special populations, consultation, organization, administration and supervision, and professional development. Students are engaged in field-based activities during almost every enrollment. Students without prior training as teachers who wish to become certified school counseling professionals must complete additional courses in classroom management, curriculum and instruction, and reading.

The M.A. or M.Ed. in Curriculum and Instruction program offers four concentrations (depending on degree selected): Educational Technology, English Education, Environmental Education, and Interdisciplinary Topics. The degree program provides advanced study in education and is designed to improve the competency of teachers, to serve the career needs and goals of individuals in education-related fields, to encourage research in a student’s area of concentration, and to initiate and implement programs involving the schools and the community.
The M.A. or M.Ed. in Educational Leadership is designed to prepare students for leadership positions in educational settings as well as to improve performance of current leaders in educational leadership positions. The M.Ed. program offers four concentrations: Elementary School, High School, Middle School, and Special Education. The program content focuses on the functions of educational leaders and stresses the relationship between tested practice and applied theory. The M.Ed. program prepares students for Educational Leadership certification by the Florida Department of Education. Students who already have a master’s degree may elect to take a modified program for Educational Leadership Certification. The modified program does not lead to a master’s degree.

The M.Ed. in Elementary Education offers three concentrations: Early Childhood Education, Elementary. The program is designed to provide focused graduate study in an area of specialization for certified teachers of the elementary grades. The program is practitioner-oriented and is aimed at increasing the curriculum and instructional expertise of teachers.

The M.A. in Elementary Education offers preparation in Elementary Studies. The program enables students with a baccalaureate degree another field to prepare for positions in education. State requirements for certification, including certain undergraduate courses also may be required.

The M.Ed. in Reading program provides opportunities for advanced study beyond the bachelor’s degree with specialization in theoretical approaches to reading instruction, application of theory to practice, and use of specific materials and methods of reading instruction based on current research studies. Applicants must have met professional teacher certification requirements for admission into the program. Reading instruction is the focus of this degree and includes all areas of effective communication, such as writing, reading, speaking, listening, and viewing. Students in this program are eligible to earn reading specialization from the Florida Department of Education.

The M.Ed. in Special Education program prepares students for work in public and private schools and in state, federal, or community settings at the master’s level. Specific areas of study include advanced studies in special education and hi-incidence disabilities.

The masters’ programs emphasize consultative, supervisory, and multidisciplinary skills intended for students who wish to assume innovative leadership roles in public or private schools and community settings.

The COE offers a series of courses that can lead to ESOL Endorsement. This sequence is directed to (a) certified teachers seeking to add ESOL (English to Speakers of Other Languages) state certification/endorsement to their existing certification, (b) graduate students seeking elective credit, and (c) graduate students in elementary education seeking the Literacy in a Diverse Society concentration. Often these courses are offered using distance delivery methods.

The Teacher Immersion Program (TIP) is a Florida Gulf Coast University partnership program with area school districts that supports individuals who have an immediate and enthusiastic interest in teaching careers. The aims of the program are simple: to prepare qualified and quality teachers for grades K-12 who will assume full time classroom responsibilities in counties in Southwest Florida. TIP is a state approved educator preparation institute that meets all state teacher certification requirements and awards program completers nine (9) graduate credits that can be used toward a master’s degree. Admission to the program requires a passing score on the FTCE General Knowledge Test, a bachelor’s degree from an accredited college or university, and undergraduate GPA of 2.75 or higher, and a completed application packet.
College of Health Professions
Griffin Hall 237
http://chp.fgcu.edu
239-590-7450

Dean: Denise Heinemann, DrPH
Associate Dean: Joan Glacken, EdD
Academic Advisor (School of Nursing): Peggy Raynor, MA
Academic Advisor (School of Health & Rehabilitation): Anne Young, BSN

Vision
The College of Health Professions promotes wellness, quality health care, and healthy environments through excellence in education, research, service, and community partnerships.

Mission
The College of Health Professions provides students with health professions education that is grounded in academic excellence, fosters critical thinking and ethical practice, and promotes interdisciplinary collaboration. Faculty in baccalaureate and graduate educational programs facilitate development of active learning, emphasize evidence based practice, utilize multiple delivery systems, develop inter-professional relationships, and cooperate with community partners to prepare competent and caring health professionals.

Goals
The College of Health Professions goals are to:
• Prepare students to assume vital roles as health professionals delivering care in diverse and dynamic interdisciplinary and global environments.
• Promote professional behaviors including ethical practice, competent and compassionate care, cultural competence, and effective communication skills.
• Facilitate critical thinking, evidence-based practice, and a commitment to life-long learning.
• Support faculty and student participation in scholarly activities.
• Promote active involvement of faculty and students in providing service to local and global communities.
• Foster career advancement and engagement in lifelong learning among healthcare personnel in the communities we serve.

Admission to Undergraduate Programs
Baccalaureate degree programs in the College of Health Professions (CHP) are selective or limited access (Athletic Training and Nursing). Acceptance is highly competitive, and all applicants may not be admitted. The application process requires two separate applications, first to the University, and upon admittance a supplemental application to the specific degree program by the appropriate deadline. Applications will be considered when the following requirements have been met:
• Completion of the University General Education requirements or its equivalent, e.g. an AA degree from an approved Florida community college or state university or a bachelor’s or higher degree from approved accredited post-secondary institutions.
• Completion of state mandated common program prerequisite courses.
• Satisfaction of the minimum GPA requirement(s) for the specific degree program (see degree program listings).
Completion of these requirements does not guarantee student admission into the College of Health Professions limited access programs, Athletic Training and Nursing.

Transfer Student Notes
Articulation agreements facilitate the transfer of students from associate degree programs at Florida community colleges to baccalaureate degree programs at universities. Students admitted under articulation agreements enter FGCU with upper level status and are classified juniors. Students who have earned or are intending to earn an associate of arts or associate of science degree in an allied health care profession
from Manatee Community College or St. Petersburg College should contact the Division of Health Sciences for information regarding the transfer process.

Courses transferred from any institution must be evaluated for equivalency credit. The student must provide all supporting information. Students transferring are cautioned to pay careful attention to General Education and Common Program Pre-requisites sections because Florida State Board of Education Rules have made programs highly prescriptive. This may result in additional course work to satisfy degree requirements.

Undergraduate Advising
239-590-7465 (School of Nursing)
239-590-7468 (School of Health & Rehabilitation)
http://www.fgcu.edu/chp/advising.html

The CHP houses the School of Health & Rehabilitation (SHR) and the School of Nursing (SON). Both Schools provide academic advising to pre-majors and majors through school and faculty advisors after the first semester through graduation. The CHP school and faculty advisors are committed to providing guidance in academic and professional development in a collaborative and mentoring environment. The objective is to foster interaction between the advisors and students in a supportive atmosphere where students will achieve self-sufficiency while pursuing their educational and career goals.

• Entering students meet with college advisors in a group setting during orientation to:
  o Discuss selective and limited access program admission requirements.
  o Collaboratively develop an academic plan to complete lower level requirements for timely submission of required supplemental applications.
  o Understand expectations and responsibilities associated with educational requirements in CHP.
• Continuing students are required to review their academic plan each semester with a school or faculty advisor prior to registration.

School of Health & Rehabilitation

Division of Health Sciences
Chair: Joan Glacken, EdD
Faculty: M. Angeletti, PhD; L. Buettner, PhD; P. Burkett, MS; J. Faris, MS, RD; J. Hammerling, MSH, MS; K. Landy, MS

The mission of the Division of Health Sciences emerges from, and is congruent with the missions of the college and university. The Division of Health Sciences aims to meet community and market needs by providing future-oriented, accessible, student-focused undergraduate and graduate education programs that foster professional growth, career mobility, diversification, and advancement for health professionals. Faculty and administrators are committed to interdisciplinary education and practice experiences for health professionals from a variety of disciplines within the department and across the College of Health Professions. Faculty, administrators, students, and graduates will assume the responsibility of academic excellence, empathy and professionalism within their scope of practice, and will be empowered to act as ambassadors for health care consumers, the health professions, the College of Health Professions, and FGCU.

Degrees: Clinical Laboratory Science (B.S.), Health Science (B.S.), Long Term Care Administration (B.S.) Health Science (M.S.), and Geriatric Recreational Therapy (M.S.).

Certificates: Clinical Laboratory Science, Gerontology, Health Services Administration, and Therapeutic Recreation*

The B.S. in Clinical Laboratory Science is designed for students who seek a baccalaureate degree and national certification as a clinical laboratory scientist [MT (ASCP) or CLS (NCA)] and Florida licensure as a clinical laboratory technologist. Graduates are prepared to work in the clinical laboratory areas of chemistry, microbiology, immunohematology, hematology, and immunology. Career opportunities continue to expand and include such diverse areas as biotechnology research, pharmaceutical sales, product development, laboratory information systems, forensics, and education. The curriculum serves as a solid preparation for medical, dental, veterinary, and graduate school. The program culminates in on-site clinical practice developed and delivered in cooperation with the clinical laboratory science community of Southwest Florida. The CLS program is undergoing the process of re-initiation for accreditation by the National Accrediting Agency for Clinical Laboratory Sciences.

The interdisciplinary B.S. in Health Science provides career advancement opportunities for entry-level health profession practitioners and for individuals who seek careers in health care areas relevant to this degree such as health services administration and health professions education. The program is also recommended for students who are interested in a health profession that requires a master of science at the entry level, such as physical therapy or occupational therapy. Coursework is offered by distance learning. The curriculum includes interdisciplinary core courses based on generic health care professional competencies, health science core courses, courses specific to career goals and selected area of specialization (concentration), an interdisciplinary senior seminar. Two concentrations (areas of specialization) are available: Health Services Administration and Health Science.

The interdisciplinary B.S. in Long Term Care Administration prepares individuals to work as administrators in various types of long-term care facilities such as nursing homes and assisted-living facilities. Following completion of the program, graduates are eligible to sit for the national nursing home administrator examination offered by the National Association of Boards of Examiners of Long Term Care Administrators and for licensure examinations offered by individual states covering state-specific rules and regulations. Coursework for this degree program is offered by distance learning. The 60-hour upper division curriculum includes interdisciplinary core courses based on generic health care professional competencies; courses in management, human resources, law, ethics, finance, marketing, patient care, risk management; 500-hour internship in a skilled nursing facility; an interdisciplinary senior seminar; and the University Colloquium.

The interdisciplinary M.S. in Health Science prepares graduates for service as health care leaders in advanced professional roles within the diverse current and dynamic health services delivery system. In addition, graduates acquire skills and expertise in planning, developing, and implementing innovative and quality health care services. Coursework is offered by distance learning. This program includes a common program core, one required concentration core, and either a capstone project, internship, or a thesis. Students have the option of strengthening the concentration with electives or completing a second concentration. Three concentrations are available: Gerontology, Health Professions Education, and the Health Services Administration.

The M.S. in Geriatric Recreational Therapy provides advanced opportunities for baccalaureate graduates who are certified therapeutic recreation specialists (CTRS). Graduates
are prepared to serve as health care leaders in advanced professional roles within the diverse geriatric health services delivery system. In addition, graduates acquire skills and expertise in planning, developing, and implementing innovative and quality health care services for older adults using recreational therapy modalities. Coursework for this program is offered by distance learning.

The post-baccalaureate Clinical Laboratory Science Certificate is designed for students with baccalaureate degrees in the chemical or biological sciences who seek licensure/certification in clinical laboratory science. Individuals completing the program are prepared to work in the clinical laboratory areas of chemistry, microbiology, immunohematology, hematology, and immunology. On-site clinical practice is developed and delivered in cooperation with the clinical laboratory science community of Southwest Florida. Upon completion of the program, students are eligible to sit for the national certification examination at the technologist level by the American Society for Clinical Pathology and the National Certification Agency and the State of Florida technologist licensure examination by the Florida Board of Clinical Laboratory Personnel.

The Gerontology Certificate prepares individuals who seek education, training, and certification in gerontology. The program provides an interdisciplinary approach to gerontology and is designed for baccalaureate degree graduates who desire specialization in line with their interest, needs and career application. The interdisciplinary nature of the program also embraces different backgrounds and interests and is suited for graduates from any undergraduate major including those in social and human services, and health professions. This certificate program is available on a part-time basis via distance learning.

The Health Services Administration Certificate prepares individuals who seek specialized education and certification in health services administration. The flexibility of the program offers baccalaureate degree graduates the opportunity to acquire expertise and specialization in line with their interest, needs and career applications in health services administration. This program is available on a part-time basis via distance learning. The program embraces different backgrounds and interests and is suited for graduates from any undergraduate major including those in social and human services, and health professions. This certificate program is available on a part-time basis via distance learning.

The Therapeutic Recreation Certificate provides an interdisciplinary approach to therapeutic recreation that prepares practitioners for roles in clinical settings such as hospitals, long-term care facilities, or community mental health facilities. Completion of the certificate program and one year of work experience under a Certified Therapeutic Recreation Specialist allows an individual to sit for the national certification examination offered by the National Council for Therapeutic Recreation Certification. *Admission to this program has been suspended.

**Department of Occupational Therapy and Community Health**

Chair: Tina Gelpi, OTD, OTR/L  
Faculty: S. Gregitis, EdD, OTR/L; C. Krupp, BS, OTR/L; L. Martin, PhD, OTR/L, FAOTA; K. Mock, MS, OT/L; D. Morris, PhD, OTR/L

The mission of the Department of Occupational Therapy and Community Health is to prepare students to enter selected health professions focused on the health and wellness needs of individuals, groups, and communities. The degree programs support the mission of the University and College of Health Professions through emphasis on academic excellence, diversity in student populations, and the well-being of community members from all segments of society. Faculty and students are committed to an interactive and supportive learning environment and collaborate with community partners to enhance the teaching and learning experience, provide service to the community, and promote ethical evidence-based practice.

**Degrees: Community Health (B.S.), and Occupational Therapy (M.S.) Certificate: Occupational Therapy with Elders**

The B.S. in Community Health prepares students for careers in servicing the health and wellness needs of individuals, groups, and communities. Three concentrations (areas of specialization) are available: Health Education, Community Health Services, and Human Occupations.

The Health Education Concentration addresses responsibilities outlined by the National Commission for Health Education Credentialing (NCHEC), and graduates may elect to sit for the national examination leading to certification as a Health Education Specialist (CHES).

The Community Health Services Concentration is appropriate for individuals who are interested in providing health and wellness services to individuals, groups, and communities to address physical, mental, and psychosocial concerns that impact functional independence in daily life.

The Human Occupations Concentration provides the prerequisite seeking admission to coursework and a bachelor’s degree option to prepare for a graduate program in occupational therapy and become a Registered Occupational Therapist (OTR).

The M.S. in Occupational Therapy degree has two options: a post-baccalaureate, entry-level program or a post-professional program. The two-year entry-level program (4 academic semesters plus 24 weeks of clinical internship) prepares graduates to practice as generalists in the profession of occupational therapy. The post-professional track is designed for those with a baccalaureate degree in occupational therapy who want to advance their practice knowledge and skill for working with elders. Courses in the post-professional track are presented online.

The entry-level Occupational Therapy program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, Maryland, 20824-1220, Telephone: (301) 652-2682.

The Occupational Therapy with Elders Certificate prepares occupational therapists who are seeking education and training specific to practice with older adults. The program provides a comprehensive approach to gerontology and is designed for baccalaureate or entry-level masters’ degree occupational therapists who desire specialization in line with their interests, needs, and career goals. Required courses address the realities of aging including perspectives on the biological, physiological, and psychosocial aspects of aging, policies, programs and services for older adults, and applications of occupational therapy with older adults, particularly in the community. An apprenticeship is required in which the student develops, carries out, and evaluates the outcomes of a program with older adults which is relevant to the student’s development.
own situation. This certificate program is available on a part-time basis via distance learning.

**Department of Physical Therapy and Human Performance**

Chair: Ellen K. Williamson, MS, PT
Faculty: S. Bevins, PhD, PT; T. Bevins, MS, PT; J. Craddock, MS, ATC/L, CSCS; S. Felton, MEd, ATC/L; D. Hunt, EdD, CSCS; R. Lopez-Rosado, MS, PT; B. McAloose, MA; K. Swanick, DPT, PT, OCS; A. van Duijn, EdD, PT, OCS

Central to the mission of the Department of Physical Therapy and Human Performance are the mission and goals of FGCU and the College of Health Professions. Reflective of these, the programs in Physical Therapy, Human Performance, and Athletic Training are designed to meet the diverse needs of the college students of today and of the future. Students develop or improve their skills in the use of technology and become self-directed learners through the active learning format that characterizes the programs — skills that aid them in being resourceful scholars and clinicians. Faculty are committed to providing an environment which accommodates a variety of learning styles, supports self-paced learning, and fosters success.

**Degrees: Athletic Training (B.S.), Human Performance (B.S.), and Physical Therapy (M.S.)**

The B.S. in Athletic Training is limited access and designed to prepare graduates for professional careers in athletic training. Graduates are prepared to assume leadership roles in the field, which deals with the prevention, immediate care, evaluation, and rehabilitation of injuries to the physically active. The program includes extensive clinical education instruction. Students develop or improve their skills in the use of technology and become self-directed learners through the active learning format that characterizes the program — skills that aid them in being resourceful scholars and career oriented professionals.

The Athletic Training Education Program has earned full accreditation from the Commission on Accreditation of Athletic Training Education. Qualifications necessary for earning certification as an Athletic Trainer can be found at http://bocatc.org. For further details, please contact the Department of Physical Therapy and Human Performance at 239-590-7530.

For more information concerning the technical standards for admission, please refer to the Department’s website, www.fgcu.edu/chp/pt.

The B.S. in Human Performance program is designed to prepare graduates for professional careers in fitness, wellness, strength and conditioning or the exercise sciences. The program is also recommended for students who are interested in a health profession that requires a graduate degree at the entry level, especially physical therapy. All graduates are prepared to assume leadership roles in the Human Performance field. The program includes extensive community-based experiential learning opportunities. Students develop or improve their skills in the use of technology and become self-directed learners through the active learning format that characterizes the program — skills that aid them in being resourceful scholars and career oriented professionals.

The M.S. in Physical Therapy program is a 76-hour post-baccalaureate program that prepares graduates as ethical and effective decision-making practitioners, valuing their role in the changing health care environment and society at large. This program utilizes a variety of instructional methodologies including online courses, modified PBL, laboratory-based instruction, as well as full-time off-campus clinical experiences.

The curricular design requires students to be independent and self-directed and utilize faculty as guides and facilitators of learning. The M.S. Physical Therapy program has been granted accreditation status by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association.

**School of Nursing**

Interim Director: Peg Gray-Vickrey, DNS, RN
Faculty: R. Ali, MSN, ARNP-C; J. D. Chapa, PhD, ACNP-BC; M. Ciferni, MSN, RN; L. Downes, PhD, ARNP-BC; T. Ellis, MSN, RN, CTN; L. Giardino, MSN, ARNP-BC; R. Gross, MSN, ARNP-BC; L. Hagman, PhD, RN; K. Kirsner, MSN, CRNA, JD; B. Kruse, PhD, ARNP; L. McCash, PhD, ARNP-BC; E. Murray, PhD, CNE, RN; A. Nolan, PhD, RN; M. Polk, PhD, CNE, ARNP-BC; S. Ruder, EdD, RN; J. Stecher, MA, RN, BC, CCTC; D. Wolf, MSN, ARNP-BC; K. Wright, MSN, ARNP-C

The mission of the School of Nursing evolves from and is consistent with the missions and goals of the university and the college. The pivotal charge is to offer innovative, exemplary, learning-centered, and community partner programs. Learners are prepared as caring scholar clinicians for professional nursing practice in contemporary health care settings. Interdisciplinary and discipline-specific knowledge, values, competencies, and practice opportunities prepare graduates to assume vital roles within an evolving 21st century health care delivery system.

The nursing curriculum, as a plan for learning, emphasizes traditional and nontraditional teaching and learning; cultural sensitivity; interdisciplinary learning; community partnerships; learner-centeredness; environmental preservation; and aesthetic sensibility. Commitment to learner-centered experiences and advancement of a community-partnered curriculum are central to the School’s mission. The School of Nursing is resolved that graduates participate as caring and compassionate health care professionals within a technologically sophisticated, cure-oriented health care world.

**Degrees: Nursing (B.S.N.), Nursing (M.S.N.)**

**Certificates: Primary Health Care Nurse Practitioner**

The Bachelor of Science in Nursing (B.S.N.) prepares caring scholar clinicians for professional practice in contemporary health care settings. Graduates are prepared to assume vital roles in the improvement of client health care outcomes. General education and state-mandated common prerequisites for nursing form the foundation of study for the major. The community partnered, learning-centered nursing curriculum is grounded in knowledge of the theory and practice of nursing with integration of critical thinking, communication, health promotion, caring, and cultural connectedness constructs. Two: options are available: (a) the traditional, limited-access BSN-FTIN (First Time in Nursing) program; and (b) the RN-BSN On-line Accelerated Pathway, which was developed in accordance with statewide articulation guidelines and provides Associate of Science in Nursing (ASN) graduates with an expedient and convenient route to the B.S.N. while maintaining high standards of quality. The B.S.N. program is fully accredited by the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW, Washington, DC 20036-1120; telephone number 202-887-6791.

The Master of Science in Nursing (M.S.N.) prepares advanced practice nurses for career opportunities in a variety of evolving global health care environments. The ability to create innovative roles as well as consolidate existing roles is a
hallmark of graduates. Extensive practice experiences enable student-initiated opportunities that promote development of diverse knowledge, values, and competencies essential for advanced practice. Three concentrations are available: (a) Primary Health Care (PHC) Concentration, with an emphasis in Nurse Practitioner (graduates of this concentration are eligible to seek national certification as adult nurse practitioners [ANP] or family nurse practitioners [FNP]; (b) Nurse Educator Concentration; (c) Clinical Nurse Leader Concentration (graduates assume innovative unit-based leadership roles in tertiary healthcare facilities) and (d) Nurse Anesthesia Concentration (graduates are eligible to take the Council of Certification of Nurse Anesthetists’ (CCNA) certification examination for licensure). The M.S.N. program is fully accredited by the Commission on Collegiate Nursing Education [CCNE], One DuPont Circle, NW, Washington, DC 20036-1120; telephone number 202-887-6791. The Nurse Anesthesia program is accredited by the Council on Accreditation of Nurse Anesthesia Programs (COA), 222 S. Prospect Avenue, Suite 304, Park Ridge, IL 60068-4010, (847) 692-7050.

The post-master’s Primary Health Care Nurse Practitioner Certificate is designed to prepare registered nurses who possess MSN degrees to become certified as Adult Nurse Practitioners (ANP) or Family Nurse Practitioners (FNP). This program requires completion of 20 credit hours of required courses and is available on a part-time or full-time basis.
COLLEGE OF PROFESSIONAL STUDIES
Academic Building 3
http://cps.fgcu.edu/
239-590-7820

Dean: Kenneth I. Millar, PhD
Associate Dean: Tony A. Barringer, EdD
Academic Advisor: TBA
Secretary: Cheryl Brown

Vision
The College of Professional Studies at Florida Gulf Coast University offers baccalaureate and graduate degree programs in specialized career and professional fields. The college also offers programs and projects that meet the lifelong professional development needs of practitioners. The faculty recognizes the changing climate in the professional disciplines, where learning must be linked to community and regional needs, and recognize diversity in culture and environment.

Mission
The College of Professional Studies is committed to educating professionals in the public-, private-, and not-for-profit sectors, as well as to developing students’ problem-solving abilities in the realms of government, law, leisure, and social services. Recognizing the rapidly changing environments in which such efforts must be carried out, the College’s curricula are oriented toward lifelong approaches to professional and personal development integrating theory, practice, technology, and diversity. All programs in the College link students’ learning experiences to the needs of communities and their members.

Goals
• Prepare students to respond in innovative ways to the evolving social, political, economic, and natural environments in which policy-making and service delivery are carried out.
• Cultivate an ethic of public integrity and civic engagement in professional, political, and community activities.
• Develop an understanding of the multi-cultural and increasingly global contexts within which public problems emerge, as well as an ability to formulate interdisciplinary strategies for their identification and resolution.
• Cultivate the knowledge, skills, and personal attributes required for life-long growth and development.
• Integrate multiple, state-of-the-art technologies into the learning environment and develop students’ abilities to use technology creatively in their work.
• Develop comprehensive field-based experiences linked to individual and community development.

Articulation Agreements
Articulation agreements facilitate the transfer of students from associate degree programs at community colleges to baccalaureate degree programs at universities. Articulation agreements are in place for both the BS Criminal Justice program and the BS Legal Studies program (see program descriptions).

Admission to Undergraduate Programs
Admission to the College of Professional Studies is open to all students who have been accepted to Florida Gulf Coast University, are in good standing, and have completed the common prerequisites with a grade of C or higher.

Undergraduate Advising
(239) 590-7760
The academic advisor provides the student with a course of study in his or her desired discipline, the process begins with orientation and continues through individual counseling for meeting graduation requirements. Advising is provided via the Internet for our students in the distance learning programs. The advisor also provides information for our students in the extension programs off campus and tracks them through their course of study.
Division of Justice Studies
Academic Building 3
Chair: Tony A. Barringer, EdD

Faculty: T.A. Barringer, EdD; R. Diotalevi, JD; D. Dobbert, PhD; J. Jinian, MPA; J. Kleege, JD; D. Lounsbury, PhD; J. McGaha, PhD; C. Meslo, PhD; P. Seay, JD; D. Thomas, PhD; H. Walsh-Haney, ABD; M.A. Zager, PhD

Degrees: Criminal Forensic Studies (B.S.), Criminal Forensic Studies (M.S.), Criminal Justice (B.S.), and Legal Studies (B.S.)

The B.S. in Criminal Forensic Studies provides students with the skills requisite to the investigation of criminal offenses and the identification, apprehension, and prosecution of criminal offenders. This curriculum integrates the theoretical perspectives of different disciplines pertaining to deviant and criminal behavior with the practice of identification, procurement, and presentation of evidence resulting from criminal activity. This program builds upon a solid liberal arts core to achieve a balanced criminal justice perspective, which includes an emphasis upon the victim, the offender, the criminal justice system and society. The scholar/practitioner curriculum provides students with advanced levels of knowledge in criminal investigation, thus increasing the employment potential for graduates.

The M.S. in Criminal Forensic Studies is an interdisciplinary program, focused on making graduates highly competitive in the marketplace. Students completing the Forensic Behavioral Analyst Concentration will possess advanced skills for utilization as Crime Scene Investigators or Criminal Investigation Detectives at local, state, and federal law enforcement agencies, offices of the state and federal prosecuting attorneys, and juvenile and adult corrections. Graduates will also be qualified to develop and promulgate policy in local, county, state, and federal agencies. Students completing the Death Investigator Concentration will have completed the requisite curriculum of the St. Louis University School of Medicine’s Medico-Legal Death Investigation and will be qualified to “sit” for the Medico-Legal Death Investigators Certification Examination. Students who successfully pass the certification examination are legally qualified to make the determination of a death as accidental, natural cause, suicide, or wrongful. This “death call” is the responsibility of the local Medical Examiner or Coroner. Certified Medico-Legal Death Investigators are in significant demand by Offices of Medical Examiners, Coroners, Law Enforcement, and Emergency Response Agencies.

The B.S. in Criminal Justice program provides an extensive overview of the criminal justice system including law enforcement, corrections, the judiciary, juvenile justice, probation and parole, and international justice. The program builds upon a solid liberal arts core to achieve a balanced criminal justice perspective, which includes an emphasis upon the victim, the offender, the criminal justice system, and society. The program’s objective is to develop a sound educational foundation for graduate work or professional practice at the bachelor’s level. Students are provided a set of core courses and experiences to orient them to the broader criminal justice system. Thereafter, they have the opportunity to specialize in law enforcement, corrections, legal studies, juvenile justice, international justice, or management in criminal justice. The upper division portion of this program is available through distance learning via the Internet.

The B.S. in Legal Studies prepares graduates for career advancement in legal assisting, paralegal, and other law-related professions. The program is designed to provide in-depth understanding of the legal system as it relates to the law, the courts, clients, and lawyers. The curriculum encompasses both generalist and specialist courses as recommended by the American Bar Association. The program prepares students for professional legal assisting and paralegal studies certification exams, including the Certified Legal Assistant’s (CLA) Exam sponsored by the National Association of Legal Assistants and Paralegal Advanced Competency Exam (PACE) offered by the National Federation of Paralegal Associations, Inc. (NFPA).

Division of Public Affairs
Academic Building 3
Chair: Terry Busson, PhD

Faculty: T. Busson, PhD; P. Bergerson, PhD; R. Coughlin, PhD; R. Green, PhD; S. O’Brien, PhD; H. Smith, PhD; R. Walsh, PhD

Degrees: Political Science (B.A.), and Public Administration (M.P.A.)

The B.A. in Political Science program imparts knowledge of government institutions and processes, political values, and public policy. It provides students with the analytical tools needed to address local, national, and international issues of governance and policy. A degree in Political Science can aid a student’s career pursuits in local, state, and federal government, as well as in business and not-for-profit organizations. It can also provide an excellent foundation for graduate study in law, business, or the social sciences. The program offers a choice of five tracks (political science, interdisciplinary studies, government and managerial innovation, government and information systems, and public administration), allowing students to enhance their knowledge and analytical skills in areas tailored to their future career objectives. It also offers highly qualified students early admission into an Accelerated M.P.A. program, providing them the opportunity to obtain both the B.A and M.P.A. degrees in a shortened period of study. The program is an affiliate of the Washington Center, which provides internship placements for undergraduate students in Washington, D.C.

The Master of Public Administration (M.P.A) prepares students for successful careers and future leadership positions in the public and non-profit sectors. The program is designed for students who have significant in-service experience, as well as for students who have little or no prior work experience in public or non-profit organizations. The MPA core curriculum provides students with current knowledge of public administration and public policy, and in addition develops their analytical, managerial, technological, and communication skills and abilities. Most of the MPA courses are offered in an Internet-based format, enabling many students to complete their degree online. For students who lack prior professional experience, Internet-based instruction is supplemented by evening and weekend sessions that accommodate the scheduling needs of working students. A choice of concentrations allows students to develop expertise either in general public administration, environmental policy, or management.

Division of Social Work
Academic building 3
Chair: Sakinah N. Salahu-Din, PhD, MSW

Faculty: P. Coccoma, MSW; E. Evans, EdD, MSW; H. Beckes, MSW; C. Perez, PhD, MSW; P. Washington, PhD, MSW

The B.A. in Political Science program imparts knowledge of government institutions and processes, political values, and public policy. It provides students with the analytical tools needed to address local, national, and international issues of governance and policy. A degree in Political Science can aid a student’s career pursuits in local, state, and federal government, as well as in business and not-for-profit organizations. It can also provide an excellent foundation for graduate study in law, business, or the social sciences. The program offers a choice of five tracks (political science, interdisciplinary studies, government and managerial innovation, government and information systems, and public administration), allowing students to enhance their knowledge and analytical skills in areas tailored to their future career objectives. It also offers highly qualified students early admission into an Accelerated M.P.A. program, providing them the opportunity to obtain both the B.A and M.P.A. degrees in a shortened period of study. The program is an affiliate of the Washington Center, which provides internship placements for undergraduate students in Washington, D.C.

The Master of Public Administration (M.P.A) prepares students for successful careers and future leadership positions in the public and non-profit sectors. The program is designed for students who have significant in-service experience, as well as for students who have little or no prior work experience in public or non-profit organizations. The MPA core curriculum provides students with current knowledge of public administration and public policy, and in addition develops their analytical, managerial, technological, and communication skills and abilities. Most of the MPA courses are offered in an Internet-based format, enabling many students to complete their degree online. For students who lack prior professional experience, Internet-based instruction is supplemented by evening and weekend sessions that accommodate the scheduling needs of working students. A choice of concentrations allows students to develop expertise either in general public administration, environmental policy, or management.
Degree Programs: Social Work (B.S.W.), and Social Work (M.S.W.)

The Bachelor of Social Work (B.S.W.) program prepares students for strengths-based generalist professional practice that teaches students to assist individuals, families and groups to identify their strengths and solve problems. Graduates are equipped to work in a variety of public, non-profit, and proprietary social service agencies. In the junior and senior years, students develop a core set of skills in case management, information and referral, and community organization that are utilized in a variety of practice settings. Graduates are prepared for advanced study if they want to pursue a graduate degree.

The Master of Social Work (M.S.W.) program prepares graduates with a solid liberal arts foundation, with a generalist foundation, and specialized clinical intervention skills to work with individuals, families and groups for an expanded clinical role that integrates political and social action skills from community practice. This multi-focal, clinical practice and community practice, approach serves as the cornerstone for an expanded concept of clinical intervention.

Division of Resort &Hospitality Management

Modular 2
Director: Sherie Brezina, PhD

Faculty: S. Eisenberg, JD, MP: M. Madanoglu PhD, CHE; M. Wisnom PhD

Degrees Programs: Resort & Hospitality Management (B.S.)

The B.S. in Resort & Hospitality Management program prepares students for high demand professional careers in all aspects of the resort and hospitality industry including resort management, club and spa management, hotel and lodging management, special event management, commercial recreation, professional golf management, attractions management, resort food and beverage management, resort timeshare management, and tourism destination management. Two concentrations are available: The Professional Golf Association (PGA) accredited Professional Golf Management Concentration and the Event Management Concentration.
FGCU UNDERGRADUATE DEGREE PROGRAMS 2007-2008

Accounting (B.S.)
Anthropology (B.A.)
Art (B.A.)
Athletic Training (B.S.)
Bioengineering (B.S.)
Biology (B.A.)
Biology (B.S.)
  Accelerated 3+4 Pre-Medicine Concentration
  Pre-Professional Concentration
Biotechnology (B.S.)
Chemistry (B.A.)
Civil Engineering (B.S.C.E.)
Clinical Laboratory Science (B.S.)
Communication (B.A.)
Community Health (B.S.)
  Community Health Concentration
  Health Education Concentration
  Human Occupations Concentration
Computer Information Systems (B.S.)
Computer Science (B.S.)
  Software Engineering Concentration
Criminal Forensic Studies (B.S.)
Criminal Justice (B.S.)
Early Childhood Education (B.A.)
Elementary Education (B.A.)
English (B.A.)
Environmental Engineering (B.S.Env.E.)
Environmental Studies (B.A.)
Finance (B.S.)
Health Science (B.S.)
  Health Science Concentration
  Health Services Administration Concentration
  Recreational Therapy Concentration
History (B.A.)
Human Performance (B.S.)
Legal Studies (B.S.)
Liberal Studies (B.A.)
Long Term Care Administration (B.S.)
Management (B.S.)
  Entrepreneurship Concentration
  Human Resource Management Concentration
  Sports Management Concentration
Marine Science (B.A.)
Marketing (B.S.)
Mathematics (B.A.)
Mathematics (B.S.)
Music (B.A.)
  Performance/Teaching Concentration
  Performance Concentration
Nursing (B.S.N.)
  RN-BSN Accelerated Pathway
Philosophy (B.A.)
Political Science (B.A.)
Psychology (B.A.)
Resort & Hospitality Management (B.S.)
  Event Management Concentration
  Spa Management Concentration
Resort & Hospitality Management (B.S.)
  Professional Golf Management Concentration
Secondary Education (B.A.)
  Biology Concentration
Secondary Education (B.A.)
  Mathematics Concentration
Secondary Education (B.A.)
  Social Science Concentration
Social Work (B.S.W.)
Sociology (B.A.)
Spanish (B.A.)
Special Education (B.A.)
Theatre (B.A.)
ACCOUNTING (B.S.)
Lutgert College of Business
Department of Accounting and Finance
Web Address: www.fgcu.edu/cob/
Catalog Year 2007-2008

Admission Requirements
- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Satisfy Common Prerequisites with a grade of C or higher, and be in good academic standing. Note: Students must earn a grade of B or higher in ACG 2021, ACG 2071, and CGS 1100 in order to enroll in certain upper division (3-4000 level) accounting courses.
- Attend an orientation session.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select ENC 1101
      2. Select ENC 1102
   B. Mathematics (6 hrs)
      1. Select STA 2023
      2. Select MAC 2233
   C. Humanities (9 hrs)
      1. Select Hum 2510
   D. Social Sciences (6-9 hrs)
      1. Select ECO 2013
      2. Select ECO 2023
   E. Natural Sciences (6-9 hrs)
2. Common Prerequisites (variable)
   ACG 2021 Core Concepts of Accounting I (3)
   ACG 2071 Core Concepts of Accounting II (3)
   CGS 1100 Introduction to Computers (3)
   ECO 2013 Principles of Macro Economics (GEP)
   ECO 2023 Principles of Micro Economics (GEP)
   MAC 2233 Elementary Calculus (GEP)
   STA 2023 Statistical Methods (GEP)
3. Business Common Core (27 hrs)
   BUL 3320 Law & Business I (3)
   FIN 3403 Business Finance (3)
   ISM 3011 Information Systems (3)
   MAN 3025 Contemporary Mgt. Concepts (3)
   MAN 3504 Operations Management (3)
   MAR 3023 Introduction to Marketing (3)
   GEB 4890 Business Strategy (capstone) (3)
   ENC 3250 Professional Writing (3)
   SPC 2023 Public Speaking (3)
4. Required Courses in the Major (21 hrs)
   ACG 2091 Accounting Tools (2)*
   ACG 3103 Financial Reporting & Analysis I (4)
   ACG 3113 Financial Reporting & Analysis II (3)
   ACG 3341 Cost Accounting (3)
   ACG 3401 Accounting Information Systems (3)
   ACG 4632 Independent Audit I (3)
   TAX 3012 Business Income & Property Transactions (3)
   *Students must earn a grade of B or higher in order to enroll in ACG 3103.
5. Restricted Electives (6 hrs)
   Select 6 hours of approved upper division (3-4000 level) electives in accounting (ACG) or taxation (TAX). See college advisor for a list of approved courses.

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- Complete a minimum of 120 credit hours, with at least 48 hours at the upper division (3-4000 level).
- Earn a grade of C or higher in the Common Prerequisites, Business Common Core, Required Courses in the Major, and Restricted Electives. Note: Students must earn a grade of B or higher in ACG 2021, ACG 2071, and CGS 1100 in order to enroll in certain upper division (3-4000 level) accounting courses.
- Complete a minimum of 30 credit hours of business courses at FGCU, including 12 credit hours in the major.
- Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/collegenote.
- Complete the standardized business knowledge assessment exam administered during the last semester in GEB 4890 Business Strategy.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:
- ACG 2021: may substitute ACG 1001 and ACG 2011
- CGS 1100: may substitute one of the following CGS X530, X570, X060, X100, X531, X570, X000, MAN X812 or demonstrated competency in CGS 1100
- MAC 2233: may substitute MAC X230
- STA 2023: may substitute QMB X100

Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.

ANTHROPOLOGY (B.A.)
College of Arts and Sciences
Department of Marine and Ecological Sciences
Web Address: www.fgcu.edu/cas/anthropology/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
2. Common Prerequisites (variable)
   ACG 2021 Core Concepts of Accounting I (3)
   ACG 2071 Core Concepts of Accounting II (3)
   CGS 1100 Introduction to Computers (3)
   ECO 2013 Principles of Macro Economics (GEP)
   ECO 2023 Principles of Micro Economics (GEP)
   MAC 2233 Elementary Calculus (GEP)
   STA 2023 Statistical Methods (GEP)
   BUL 3320 Law & Business I (3)
   FIN 3403 Business Finance (3)
   ISM 3011 Information Systems (3)
   MAN 3025 Contemporary Mgt. Concepts (3)
   MAN 3504 Operations Management (3)
   MAR 3023 Introduction to Marketing (3)
   GEB 4890 Business Strategy (capstone) (3)
   ENC 3250 Professional Writing (3)
   SPC 2023 Public Speaking (3)
3. Required Courses in the Major (21 hrs)
   ACG 2091 Accounting Tools (2)*
   ACG 3103 Financial Reporting & Analysis I (4)
   ACG 3113 Financial Reporting & Analysis II (3)
   ACG 3341 Cost Accounting (3)
   ACG 3401 Accounting Information Systems (3)
   ACG 4632 Independent Audit I (3)
   TAX 3012 Business Income & Property Transactions (3)
   *Students must earn a grade of B or higher in order to enroll in ACG 3103.
4. Restricted Electives (6 hrs)
   Select 6 hours of approved upper division (3-4000 level) electives in accounting (ACG) or taxation (TAX). See college advisor for a list of approved courses.
1. ANT 2000 (3) recommended
2. ANT 2100 (3) recommended
3. ANT 2410 (3) recommended

E. Natural Sciences (6-9 hrs)
   1. ANT 2511(3) recommended

2. Common Prerequisites (variable)
Two introductory level courses in anthropology (ANT prefix) (GEP)

3. Interdisciplinary Core (9 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)

4. Required Courses in the Major (15 hrs)
   ANT 2511 Physical Anthropology (GEP) (3)
   ANT 3141 Development of World Civilization (3)
   ANT 3640 Language and Culture (3)
   ANT 4931 Senior Seminar in Anthropology (3)
   ANT 4940 Internship in Anthropology (3)

5. Restricted Electives (29-32 hrs)
   A. Theory and Methods
      Select 6-9 hours from the following:
      ANT 3495 Methods in Anthropology Research (3) or
      ANT 3824 Archaeology Field Methods (6)
      ANT 4034 History of Anthropological Thought (3)
   B. Topical and Area Courses
      Select 12 hours from the following:
      ANT 3905 Individual Study in Anthropology (3)
      ANT 3143 Archaeology of Europe (3)
      ANT 3158 Florida Archaeology (3)
      ANT 3231 Introduction to Folklore (3)
      ANT 3305 Anthropology of the Coastal Zone (3)
      ANT 3312 Native American Cultures (3)
      ANT 3340 Caribbean Cultural Patterns (3)
      ANT 3403 Cultural Ecology (3)
      ANT 3461 Folk Medicine (3)
      ANT 3467 Anthropology of Food (3)
      ANT 3520 Forensic Anthropology (3)
      ANT 3824L Archaeological Field Lab (3)
      ANT 4241 Magic and Religion (3)
      ANT 4311 Southeast Native Americans (3)
      ANT 4316 Cultures of the Contemporary South (3)
      ANT 4462 Medical Anthropology (3)
      ANT 4930 Special Topics (3-6)
   C. Foreign Language
      Proficiency equivalent to one year (8 hours) of college instruction in a foreign language. Standardized examination (CLEP) may be used to meet the requirement.
   D. Cross-Cultural Immersion
      Complete the following:
      ISS 4955 Study Abroad (3)

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.

• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer enrollment requirement.
• Submit an application for graduation by the deadline listed in the FGCU Academic Calendar.

ART (B.A.)
College of Arts and Sciences
Department of Visual & Performing Arts
Web Address: www.fgcu.edu/cas/art/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
      2. ARH 2050 (3) recommended
      3. ARH 2051 (3) recommended
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   Must be completed with a grade of C or better
   ART 1201 Methods & Concepts I (3)
   ART 1203 Methods & Concepts II (3)
   ART 1300 Drawing I (3)
   ART 1301 Drawing II (3)
   ARH 2050 History of Visual Arts I (GEP)
   ARH 2051 History of Visual Arts II (GEP)
   ART 2xxx Any 2-3 introductory media courses (6-9)

3. Interdisciplinary Core (12 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)

4. Required Courses in the Major (3 hrs)
   ART 4955 Senior Project (3)

5. Restricted Electives (27 hrs)
   Students must complete 27 hours of coursework with at least 15 hours at the upper level (courses numbered 3000 or higher).
   ARH 2500 Survey of Non-western Art (3)
   ARH 3170 Greek and Roman Art (3)
ATHLETIC TRAINING* (B.S.)
College of Health Professions
Division of Physical Therapy
Web Address: www.fgcu.edu/chp/pt/humperf/index
Calendar Year 2007-08

The Athletic Training Education Program is accredited by the Commission on Accreditation of Athletic Training Education (2201 Double Creek Drive, Suite 5006, Round Rock, Texas 78664; telephone number 512-733-9700). Qualifications necessary for earning certification can be found at the website for the National Athletic Trainers' Association Board of Certification Inc. (http://www.bocatc.org).

*Limited Access
A competitive admissions process is conducted for this major. All applicants who meet the minimum admission requirements listed below may not be admitted into the program. Application forms are available from the Department of Physical Therapy and Human Performance or on the web. For priority consideration, all application materials must be received by February 1st of the year in which entry is sought. Application materials received after February 1st will be considered on a space-available basis. Admission decisions are made based on materials and coursework completed at the time of the application.

Admission Requirements
- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Submit supplemental application materials.
- Complete a total of 50 hours observation in two different athletic training sites.
- At time of application to the major, 18 hours of prerequisite course work must be completed. At time of admission into the major, all prerequisite courses must be completed with a grade of C or better (a grade of C- or less is not acceptable).
- Grade point average calculated for all prerequisite courses of at least 3.00 (on a 4.0 scale).
- A minimum grade point average of 3.00 (on a 4.0 scale) for the most recent 30 college credit hours.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select STA 2023
   B. Mathematics (6 hrs)
      1. Select PSY 2012
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
      1. Select BSC 1010C
      2. Select CHM 1045C
   E. Natural Sciences (6-9 hrs)
      1. Select BSC 1010C
      2. Select CHM 1045C

2. Common Prerequisites (variable)
   BSC 1010C General Biology w/Lab (GEP)
   BSC 1085C Human Anatomy and Physiology I w/Lab (4)
   BSC 1086C Human Anatomy and Physiology II w/Lab (4)
   CHM 1045C General Chemistry I w/Lab (GEP)
   HSC 2577 Human Nutrition (3)
   PHY 2053C College Physics I w/Lab (4)
   PSY 2012 General Psychology (GEP)
   STA 2023 Statistics (GEP)

3. Interdisciplinary College Core (12 hrs)

Transfer Notes and Acceptable Substitutes
The following substitutes are acceptable for common prerequisites and must be completed with a grade of C or better.
- ART 1203: may substitute ART x202
IHS 3101 Shaping Health Care in the 21st Century (3)
IHS 3203 Management and Leadership in Health Care Organizations (3)
IHS 4504 Research Methods in Health Care (3)
IHS 4938 Senior Seminar (3)

5. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Progression Requirements
- Students must follow a Program of Study approved by the student’s faculty advisor.
- Students must receive a grade of “C” (“S” if applicable) or better on all courses within the program curriculum.
- A student must perform at the appropriate level of generic abilities and behavioral criteria as outlined in the Professional Behaviors Plan.

Additional Graduation Requirements
- Students must satisfactorily complete a minimum of 120 credit hours.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/
- Perform at Entry Level in all Behavioral Criteria of the Professional Behaviors Plan.
- Apply for graduation per university guidelines and timeline.
- Meet all Athletic Training Education Program and FGCU graduation requirements.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better:
- BSC 1085C: may substitute PET 2320, ZOO 3733, PET 3301C, ZOO3731, BSC 2085
- BSC 1086C: may substitute PET 2350, PCB 3703, PET3302C, PCB 3702, PCB 3704, BSC 2086
- CHM 1045C: may substitute any Organic Chemistry course
- HSC 2577: may substitute PETx361, PET 2014, HUN 2002

BIOENGINEERING (B.S.)
Lutgert College of Business

Admission Requirements
- Submit a State University System (SUS) common application for admission and satisfy all applicable university admission requirements.
- Be in good academic standing and complete the following with a grade of C or higher: English I, English II, Calculus I, Calculus II, General Chemistry I, and General Physics I.
- Attend an orientation session and declare a major.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select ENC 1101 (3)
      2. Select ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. Select MAC 2311 (4)
      2. Select STA 2037 (3)
   C. Humanities (9 hrs)
      1. Select HUM 2510 (3)
   D. Social Sciences (6 hrs)
   E. Natural Sciences (6-9 hrs)
      1. Select BSC 1010C (4)
      2. Select CHM 1046C (4)

2. Common Program Prerequisites (GEP + 31 hrs)
   ENC 1101 English I (GEP)
   ENC 1102 English II (GEP)
   MAC 2311 Calculus I w/Analytical Geometry (GEP)
   MAC 2312 Calculus II w/Analytical Geometry (GEP)
   MAC 2313 Calculus III w/Analytical Geometry (GEP)
   MAP 2302 Differential Equations (3)
   CHM 1046C General Chemistry w/Lab I (4)
   CHM 1046C General Chemistry w/Lab II (GEP)
   PHY 2048C General Physics w/Lab I (4)
   PHY 2049C General Physics w/Lab II (4)
   CHM 2210C Organic Chemistry w/Lab I (4)
   CHM 2211C Organic Chemistry w/Lab II (4)
   BSC 1010C General Biology w/Lab I (GEP)
   XXX XXXX Humanities Courses (GEP, 9)
      [Select HUM 2510]
   XXX XXXX Social Science Courses (GEP, 6)
      [ECO 2023 is highly recommended.]

3. Engineering Common Core (20 hrs)
   EGN 1006L Intro to the Engineering Profession (1)
   EGN 1008C Engineering Concepts & Methods (3)
   EGN 3420C Engineering Mechanics (4)
   EGN 3641C Engineering Entrepreneurship (3)
   EGN 3331C Mechanics of Materials (3)
   EGN 3833C Service Learning in Engineering (2)
   EGN 4XXX Senior Design I (1)
   EGN 4XXXC Senior Design II (3)

4. Required Courses in the Major (39 hrs)
   EGN 3373C Circuits and Sensors for Bioengineers (3)
   BME 3100C Introduction to Biomaterials (3)
   BME 3403C Human Physiology for Engineers I (3)
   BME 3404C Human Physiology for Engineers II (3)
   EGN 3374C Signals and Systems for Bioengineers (3)
   BME 3261C Biofluid Mechanics (3)
   BME 4800C Bioengineering Product Design (3)
   EGN 4XXXC Transport Phenomena (3)
5. University Requirements (3 hrs)

IDS 3920 University Colloquium (3)

TOTAL SEMESTER HOURS REQUIRED 129 HRS

Additional Graduation Requirements

- A minimum of 129 credit hours.
- At least 48 of the 129 hours at the upper division (3000 and higher) level.
- A minimum of 32 of the last 60 credit hours to be taken at FGCU, including 12 credit hours in the major.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A cumulative GPA of 2.0 on all engineering courses.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/

Transfer Notes and Acceptable Substitutes

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher.

- CHM 1045C: may substitute CHM 1045 and CHM 1045L or CHS X440
- CHM 1046C: may substitute CHM 1046 and CHM 1046L
- MAC 2311, MAC 2312, and MAC 2313: may substitute MAC X281, MAC X282, and MAC X283
- PHY 2048C: may substitute PHY 2048 and PHY 2048L
- PHY 2049C: may substitute PHY 2049 and PHY 2049L

Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student's degree program.

BIOLOGY (B.A.)

College of Arts and Sciences
Department of Biological Sciences

Web Address: www.fgcu.edu/cas/biology/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements

- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements

1. FGCU General Education Program (GEP) (36 hrs)

   A. Communication (6 hrs)
   1. ENC 1101 (3)
   2. ENC 1102 (3)

   B. Mathematics (6 hrs)
   1. STA 2023 (3)
   2. MAC 2311 (4) recommended

2. Common Prerequisites (variable)

   BSC 1010C General Biology with Lab I (4) (GEP)
   BSC 1011C General Biology with Lab II (4) (GEP)
   CHM 1045C General Chemistry with Lab I (4) (GEP)
   CHM 1046C General Chemistry with Lab II (4)
   CHM 2210C Organic Chemistry with Lab I (4)
   CHM 2211C Organic Chemistry with Lab II (4)
   MAC 2311 Calculus I (4) (GEP)
   MAC 2312 Calculus II (4)

3. Interdisciplinary Core (12 hrs)

   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)

4. Required Courses in the Major (12 hrs)

   PCB 3063C Genetics (3)
   PCB 3023C Cell Biology (3)
   ISC 3120 Scientific Process (3)
   Select 3 hours from the following:
   PCB 3043C General Ecology (3)
   PCB 3673 Evolutionary Biology (3)
   ZOO 3713C Vertebrate Form and Function (3)

5. Restricted Electives (24 hrs)

   Select 24 hours from the following (A-D):
   A. Molecular Biology
   BCH 3023C Biochemistry (3)
   BCH 3025C Analytical Biochemistry (3)
   BOT 4394C Plant Molecular Biology (3)
   BSC 4422C Methods in Biotechnology (3)
   PCB 4253C Developmental Biology (3)
   B. Cellular Biology, Physiology
   BOT 4503 Plant Physiology (3)
   MCB 3020C General Microbiology (4)
   MCB 3652C Environmental Microbiology (3)
   MCB 4502 Virology (3)
   MCB 4023C Pathogenic Microbiology (3)
   MCB 4507C Virology, Mycology & Parasitology (3)
   PCB 3703C Human Physiology (3)
   PCB 3723C Comparative Animal Physiology (3)
   PCB 4233C Immunology (3)
   PCB 4783C Cell Membrane Physiology (3)
   ZOO 4743C Neuroscience (3)
   ZOO 4753C Histology (3)

C. Organismal Biology, Ecology, Evolution

   BSC 3030 Biology and Society (2)
   BSC 3205C Invertebrate Zoology (3)
   BSC 3403C Environmental Quant Tech (3)
   OCB 4043C Marine Ecology (3)
   PCB 3043C* General Ecology (3)
   PCB 3414C Behavioral Ecology (3)
   PCB 3460C Ecosystem Monitoring and Res Meth (3)
   PCB 3673* Evolutionary Biology (3)
   PCB 4303C Limnology and Wetlands (3)

D. Social Sciences (6-9 hrs)

E. Natural Sciences (6-9 hrs)

Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.
PCB 4674C Reptile-Amphibian Evolution (4)
ZOO 3713C* Vertebrate Form and Function (3)
ZOO 4436C Evolution of the Mammals (3)
ZOO 4454C Ichthyology (3)
ZOO 4472C Ornithology (3)
ZOO 4480C Mammalogy (3)

*Courses taken to fulfill a core requirement cannot be counted as an elective.

D. Other Electives
BSC 4900 Dir Indep Study/Research Biology (1-3)
BSC 4910 Sr Project Research in Biology (2)
BSC 4911 Sr Project Presentation in Biology (2)
BSC 4912 Senior Seminar in Biology (3)
BSC 4930 Special Topics in Biology (3)
BSC 4933 Current Topics in Biology (1)
BSC 4940 Internship in Biology (2-4)
CHM 2210C Organic Chemistry with Lab I (4)
CHM 2211C Organic Chemistry with Lab II (4)
EVR 4920 Current Topics (1)
HIS 3470 History of Science and Technology (3)
EVS 4814 Environmental Toxicology (3)
ISC 4930 Current Topics (1)
MAC 2311 Calculus I (4)
OCE 3008C Oceanography (3)
PHY 2048C General Physics with Lab I (4)
PHY 2049C General Physics with Lab II (4)

^ Courses taken to satisfy common prerequisites cannot be counted as an elective.

6. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all course work attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- A minimum GPA of 2.0 for all coursework attempted at FGCU.
- A minimum GPA of 2.0 for all coursework attempted in the major.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
- Thirty of the last sixty credits must be completed at FGCU.
- Completion of the summer course enrollment requirement.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better:
- BSC 1011C: may substitute BSC 1011 and BSC 1011L, ZOO X010C, BOT X101C, BSC X041C, BOT X013C.
- CHM 2210C: may substitute CHM 2210 and CHM 2210L, PHY X043/X043L, X048/X048L, X049/X049L or equivalent.
- CHM 2211C: may substitute CHM 2211 and CHM 2211L, PHY X053/X053L, X048/X048L, X049/X049L, or equivalent.
- MAC 2311: may substitute MAC 2233, 2253, X281.
- MAC 2312: may substitute STA X212, X014, 2023, X024, X321 or equivalent, MAC x234, x254, x282.

BIOLOGY (B.S.)
College of Arts and Sciences
Department of Biological Sciences

Web Address: www.fgcu.edu/cas/biology/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Additional Admission Requirements for the Accelerated 3+4 Pre-Medicine Concentration
- Enter as Freshman
- Florida Residency
- SAT score of 1300 or ACT of 29
- Unweighted high school GPA of 3.7
- Completion of the FGCU Department of Biological Sciences Accelerated 3+4 Pre-Medicine Concentration application.
- Completion of the Accelerated USF Medical School application form with one letter of recommendation following admission to the FGCU Accelerated 3+4 Pre-Medicine Concentration.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
      2. MAC 2311 (4)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
      2. 2 courses (6-9 hrs)
   D. Social Sciences (6-9 hrs)
      1. BSC 1010C (4)
      2. BSC 1011C (4)
      3. CHM 1045C (4)

Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

2. Common Prerequisites (variable)
   Must be completed with a grade of C or better
   BSC 1010C General Biology with Lab I (GEP)
   BSC 1011C General Biology with Lab II (GEP)
   CHM 1045C General Chemistry with Lab I (GEP)
   CHM 1046C General Chemistry with Lab II (GEP)
   CHM 2210C Organic Chemistry with Lab I (GEP)
   CHM 2211C Organic Chemistry with Lab II (GEP)
   MAC 2311 Calculus I (GEP)
   MAC 2312 Calculus II (GEP)

3. Required Courses in the Major (21 hrs)
PHY 2048C General Physics w/lab I or PHY 2053C College Physics w/lab I (4)*
PHY 2049C General Physics w/lab II or PHY 2054C College Physics w/lab II (4)*
BCH 3023C Biochemistry (3)
MCB 3020C Microbiology (4)
PCB 3063C Genetics (3)
BSC 4944L Senior Capstone (3)

*If PHY 2048C and PHY 2049C or PHY 2053C and PHY 2054C were completed as common prerequisites, CHM 2210C and CHM 2211C must be taken to fulfill the core requirements; conversely, if CHM 2210C and CHM 2211C were taken to fulfill common prerequisites, PHY 2048C and PHY 2049C or PHY 2053C and PHY 2054C must be completed.

4. Concentration Requirements (variable)

Select one of the concentrations and complete the requirements listed.

A. Accelerated 3+4 Pre-Medicine Concentration (6 hrs**)
PCB 3703C Human Physiology (3)
BSC 1930L Seminar in Medicine I (1)
BSC 2930L Seminar in Medicine II (1)
BSC 3930L Seminar in Medicine III (1)
**Plus satisfactory completion of 30 credit hours through the USF College of Medicine.

B. Pre-Professional Concentration (27 hrs):
Complete each of the following:
PCB 3023C Cell Biology (3)
IDS 3300 Foundations of Civic Engagement (3)
Select 21 hours of electives from the following:
BCH 3025C Analytical Biochemistry (3)
BOT 4394C Plant Molecular Biology (3)
BOT 4503 Plant Physiology (3)
BSC 1930L Seminar in Medicine I (1)
BSC 2930L Seminar in Medicine II (1)
BSC 3930L Seminar in Medicine III (1)
BSC 4900 Dir Ind Study/Research Biology (1-3)
BSC 4905 Dir Independent Study/Research Biotechnology (1-3)
BSC 4930 Special Topics in Biology (2-4) (course must be approved by dept. chair)
BSC 4940 Internship in Biology (2-4)
BSC 4941 Internship in Biotechnology (1-3)
EVR 4605C Environmental Toxicology (3)
ISC 3120 Scientific Process (3)
MAC 2312 Calculus II (4)
MCB 4xxx Virology (3)
MCB 4203C Pathogenic Microbiology (3)
MCB 4507C Virology, Mycology, Parasitology (3)
PCB 3414C Behavioral Ecology (3)
PCB 3703C Human Physiology (3) or BSC 3 XXXX Animal Physiology (3)*
PCB 4233C Immunology (3)
PCB 4253C Developmental Biology (3)
PCB 4522C Molecular Genetics (3)
PCB 4673 Evolutionary Biology (3)
PCB 4783C Cell Membrane Physiology (3)
ZOO 3713C Vertebrate Form and Function (3)
ZOO 4436C Evolution of Mammals (3)
ZOO 4454C Ichthyology (3)
ZOO 4472C Ornithology (3)
ZOO 4480C Mammalogy (3)
ZOO 4743C Neuroscience (3)
ZOO 4753 Histology (3)

*Only one course in the pair may be counted toward the restricted electives requirement.

5. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
- Thirty of the last sixty credits must be completed at FGCU.
- Completion of the summer course enrollment requirement.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better
- BSC 1011C: may substitute BSC 1011 and 1011L, ZOO X010C, BOT X010C, BSC X041C, BOT X013C.
- CHM 2210C: may substitute CHM 2210 and CHM 2210L, PHY X043/X043L, X048/X048L, X049/X049L or equivalent.
- CHM 2211C: may substitute CHM 2211 and CHM 2211L, PHY X043/X043L, X048/X048L, X049/X049L or equivalent.
- MAC 2311: may substitute MAC 2233, 2253, X281.
- MAC 2312: may substitute STA 2122, x014, 2023, x421 or equivalent, MAC x234, x254, x262.
1. STA 2023 (3)
2. MAC 2311 (4)

C. Humanities (9 hrs)
1. HUM 2510 (3)

D. Social Sciences (6-9 hrs)
1. BSC 1010C (4)
2. BSC 1011C (4)
3. CHM 1045C (4)

Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

2. Common Prerequisites (variable)
BSC 1010C  General Biology with Lab I (GEP)
BSC 1011C  General Biology with Lab II (4) (GEP)
CHM 1045C  General Chemistry with Lab I (GEP)
CHM 1046C  General Chemistry with Lab II (4)
CHM 2210C  Organic Chemistry with Lab I (4)
CHM 2211C Organic Chemistry with Lab II (4)
PHY 2053C  College Physics with Lab I (4)
PHY 2054C  College Physics with Lab II (4)
MAC 2311  Calculus I (GEP)
STA 2023 Statistical methods (GEP)

3. Interdisciplinary Core (12 hrs)
IDS 3300  Foundations of Civic Engagement (3)
IDS 3301  Issues in Culture and Society (3)
IDS 3303  Issues in Science and Technology (3)
IDS 4910  Integrated Core Senior Seminar (3)

4. Required Courses in the Major (25 hrs)
BCH 3023C  Biochemistry (3)
BSC 4422C  Methods in Biotechnology (3)
BSC 4942  Senior Research in Biotechnology (2)
BSC 4943 Senior Project Presentation in Biotechnology (1)
ISC 3120  Scientific Process (3)
MCB 3020C  Microbiology (4)
PCB 3023C  Cell Biology (3)
PCB 3063C  Genetics (3)
PCB 4522C  Molecular Genetics (3)

Select 2 hours from the following:
BSC 4905 Directed Independent Study/Research in Biotechnology (1-3) or
BSC 4941 Internship in Biotechnology (1-3)

5. Restricted Electives in the Major (18 hrs)
Select 18 hours from the following:
BCH 3025C  Analytical Biochemistry (3)
BOT 4394C  Plant Molecular Biology (3)
BOT 4503  Plant Physiology (3)
BSC 4905 Directed Independent Study/Research in Biotechnology (1-3)
BSC 4941 Internship in Biotechnology (1-3)
EVS 4814  Environmental Toxicology (3)
ISC 4131  Scientific Entrepreneurship (3)
MAC 2312  Calculus II (4)
MCB 4507C  Virology, Mycology & Parasitology (3)
OCB 4633C***  Marine Ecology (3)
PCB 3033C***  Concepts of Ecology (3)
PCB 3463C  Marine Ecosystems Monitoring and Research Methods (3)
PCB 3703C*  Human Physiology (3)
PCB 3723C* Comparative Animal Physiology (3)
PCB 4233C  Immunology (3)
PCB 4253C  Developmental Biology (3)
ZOO 4743C  Neuroscience (3)

* Only three credits in Physiology, from either PCB 3723C or PCB 3703C Human Physiology will count towards the required hours of electives in Biotechnology.
** Only three credits in Ecology, from either OCE 4043C Marine Ecology or PCB 3033C Concepts of Ecology, will count towards the required hours of electives in Biotechnology.

6. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
- Thirty of the last sixty credits must be completed at FGCU.
- Completion of the summer course enrollment requirement.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better
- PHY 2053C: may substitute PHY 2053 and PHY 2053L; PHY X048/X048L
- PHY 2054C: may substitute PHY 2054 and 2054L; PHY X049/X049L
- MAC 2311: may substitute MAC 2233, MAC 2253, or MAC X281
- STA 2023: may substitute STA 2122, STA 2014, STA 2024, or STA 2321

NOTE: All combined lecture and laboratory courses (marked with C) are equivalent to taking the lecture and laboratory separately as two courses.

CHEMISTRY (B.A.)
College of Arts and Sciences
Department of Chemistry and Math
Web Address: www.fgcu.edu/cas/chemistry/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.
Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
      2. MAC 2311 (4)
   C. Humanities (9 hrs)
      1. HUM 2510
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. CHM 1045C (4)
      2. CHM 1046C (4)
      3. CHM 2010C (4)

Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

2. Common Prerequisites (variable)
   CHM 1045C General Chemistry I with lab (GEP)
   CHM 1046C General Chemistry II with lab (GEP)
   CHM 2210C Organic Chemistry I (4) (GEP)
   MAC 2311 Calculus I (GEP)

3. Interdisciplinary Core (12 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)

4. Required Courses in the Major (32 hrs)
   PHY 2048C General Physics I (4) (or CHM 2210C (4), whichever course not taken as a common pre-requisite. Both are required for the program.)
   PHY 2049C General Physics II (4) (or CHM 2211C, whichever course not taken as a common pre-requisite. Both are required for the program.)
   BCH 3023C Biochemistry (3)
   BCH 3025C Analytical Biochemistry (3)
   CHM 3005C Physical Chemistry for the Life Sciences (4)
   CHM 3120C Analytical Chemistry (4)
   CHM 4139C Instrumental Analysis (3)
   CHM 4140 Senior Project Research in Chemistry (2)
   CHM 4141 Senior Project Presentation in Chemistry (2)
   ISC 3120 Scientific Process (3)

5. Restricted Electives (9 hrs)
   9 hours of electives from any 3000 level or higher course selected in consultation with an advisor.

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to sat-

CIVIL ENGINEERING (B.S.C.E.)
Lutgert College of Business
U.A. Whitaker School of Engineering
Web Address: www.fgcu.edu/cob/eng/
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission and satisfy all applicable university admission requirements.
• Be in good academic standing and complete the following with a grade of C or higher: English I, English II, Calculus I, Calculus II, General Chemistry I, and General Physics I.
• Attend an orientation session and declare a major.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select ENC 1101 (3)
      2. Select ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. Select MAC 2311 (4)
      2. Select STA 2037 (3)
   C. Humanities (9 hrs)
      1. HUM 2510
   D. Social Sciences (6 hrs)
   E. Natural Sciences (6-9 hrs)
      1. Select BSC 1010C (4)
      2. Select CHM 1046C (4)

Transfer Notes and Acceptable Substitutes
• CHM 1045C: may substitute CHM x040 and CHM x041 or CHM x045/x045L or CHM x045E
• CHM 1046C: may substitute CHM x046/x046L or CHM x046E
• MAC X311: may substitute MAC x281
• MAC X312: may substitute MAC x282
• CHM 2210C and CHM 2211C: may substitute CHM x210/x210L and CHM x211/x211L or PHY x048/PHY x048L and PHY x049/PHY x049L or PHY x048C and PHY x049 C or PHY x053C or PHY x053/x053L and PHY x054C or PHY x054/x054L
Transfer Notes and Acceptable Substitutes

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher.

- CHM 1045C: may substitute CHM 1045 and CHM 1045L or CHS X440
- MAC 2311, MAC 2312, and MAC 2313: may substitute MAC X281, MAC X282, and MAC X283
- PHY 2048C: may substitute PHY 2048 and PHY 2048L
- PHY 2049C: may substitute PHY 2049 and PHY 2049L
- PCB 3063C: Genetics (3)

FGCU Undergraduate Degree Programs
PCB 4233C Immunology (3)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)
   Additional electives may be required to reach a minimum of 123 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 123 HRS

Additional Graduation Requirements
- Earn a minimum of 123 semester hours with a cumulative grade point average of 2.0 on all course work attempted at FGCU.
- Within the 123 total credit hours, a minimum of 48 credit hours at the upper division (courses numbered 3000 and higher).
- Earn a grade of C or above in all courses identified in Sections 2, 3, 4, and 5 above. A grade of C- does not satisfy the requirement of a minimum grade of C.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy service-learning requirement. See www.fgcu.edu/connect/
- At least 25% of the coursework required for the degree and 30 of the last 60 hours must be earned at FGCU.

Acceptable Substitutes
- MLS 4004: May use MCB 4203C
- MLS 4462: May use MCB 4507C
- PCB 3063C: May use PCB 3663C
- MCB 3020C: May use MCB 2010C

COMMUNICATION (B.A.)
College of Arts and Sciences
Department of Communication and Philosophy
Web Address: www.fgcu.edu/cas/communication/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
- Submission of a State University System (SUS) common application for admission, and satisfaction of all applicable university admission requirements.
- Satisfaction of Common Prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
      2. SPC 1600 recommended (3)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   18 hours are required outside the major and beyond the 36 hours of General Education requirements with a grade of C or better

3. Interdisciplinary Core (12 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)

4. Required Courses in the Major (18 hrs)
   SPC 1600 Fundamentals of Communication (3)
   PHI 3106 Principles of Rhetoric and Argumentation (3)
   PHI 3223 Philosophy of Human Communication (3)
   SPC 3210 Theories of Human Communication (3)
   SPC 3721 Interracial/Intercultural Communication (3)
   SPC 3301 Interpersonal Communication (3)

5. Track Requirements (18-21 hrs)
   (Note: Tracks are not listed on the transcript.) Select one of the following tracks and complete the coursework as listed:
   A. Communication Studies Track (18 hrs)
      Complete the following:
      COM 3343 Rhetorical Criticism and Analysis (3)
      Select 3 hours from the following:
      SPC 3360 Introduction to Public Speaking (3)
      SPC 3425 Group Communication (3)
      SPC 3513 Argumentation & Debate (3)
      SPC 3602 Advanced Public Speaking (3)
      SPC 3408 Stand-Up Comedy (3)
      Select 3 hours from the following:
      COM 3462 Communication and Conflict (3)
      COM 3540 Persuasion and Propaganda (3)
      COM 3014 Communication Gender (3)
      COM 3120 Organizational Communication Behavior (3)
      COM 3407 Theories of Comedy (3)
      SPC 3330 Nonverbal Communication (3)
      SPC 3350 Listening Theory (3)
      Select 3 hours from the following:
      EVR 3020 Environmental Philosophies (3)
      REL 3112 Seven Deadly Sins (3)
      Or any upper level course with the prefix PHI, PHH, PHM, or REL that is not part of the core.
      Select 3 hours from the following:
      COM 4311 Research Methods (3)
      SPC 4941 Internship (3)

   B. Environmental Communication Track (18 hrs)
      Complete each of the following (15 hrs):
      EVR 3020 Environmental Philosophies (3)
      EVR 4035 Environmental Law (3)
      SPC 3543 Environmental Persuasion & Activism (3)
      SPC 3604 Environmental Public Speaking (3)
      SPC 4944 Environmental Communication Internship (3)
      Select 3 hours from the following:
      ENC 2160 Introduction to Nature Writing (3)
      EVR 3021 Environmental Literature (3)

   C. Political Communication Track (21 hrs)
      Select 6 hours from the following:

COMMUNITY HEALTH (B.S.)
College of Health Professions
Department of Occupational Therapy and Community Health
Web Address: www.fgcu.edu/chp/ot/ch_overview.asp
Calendar Year 2007-2008

Admission Requirements
- Submission of a State University System (SUS) common application for admission, and satisfaction of all applicable university admission requirements.
- Submission of supplemental application materials for the Community Health major.
- A minimum cumulative grade point average of 2.75 on all common prerequisites for Community Health.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
     1. Select STA 2023
     2. Select MAC 1105
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
     1. Select PSY 2012
   E. Natural Sciences (6-9 hrs)
     1. Select BSC 1085C
     2. Select CHM 1045C

2. Common Prerequisites (variable)
   BSC 1085C Human Anatomy and Physiology I w/Lab (GEP)
   BSC 1086C Human Anatomy and Physiology II w/Lab (4)
   CHM 1045C General Chemistry I w/Lab (GEP)
   CGS 1100 Introduction to Computers (3)
   MCB 2010C Microbiology w/Lab (4)
   MAC 1105 College Algebra (GEP)
   PSY 2012 General Psychology (GEP)
   STA 2023 Statistical Methods (GEP)

3. Interdisciplinary College Core (12 hrs)
   IHS 3101 Shaping Health Care in the 21st Century (3)
   IHS 3203 Management and Leadership in Health Care Organizations (3)
   IHS 4504 Research Methods in Health Care (3)
   IHS 4938 Senior Seminar (3)

4. Required Courses in the Major (27 hrs)
   CLP 3140 Basic Psychopathology (3)
   HSC 2577 Nutrition, Human Health, & Wellness (3)
   HSC 3201 Understanding Healthy Communities (3)
   HSC 3243 Teaching & Learning in Health Professions (3)
   HSC 3582 Health Through Occupation & Participation (3)
   HSC 4551 Disease, Impairment, & Participation (3)
   IHS 3112 Legal & Ethical Principles of Health Care (3)
   OTH 3012C Dynamics of Communication (3)
   SOP 2770 Introduction to Human Sexuality (3)

5. Concentration Requirements (18 hrs)
   Select one of the following groupings:
   A. Community Health Services Concentration
      HSC 3131 Health Counseling (3)
      HSC 3601 Behavior Health & Life Skills (3)
      HSC 4241 Needs Assessment & Program Planning
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>HSC 4500</td>
<td>Epidemiology</td>
<td>3</td>
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<tr>
<td>HSC 4703</td>
<td>Community Development &amp; Empowerment</td>
<td>3</td>
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<tr>
<td>HSC 4910</td>
<td>Capstone: Developing Community Health Services</td>
<td>3</td>
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</tbody>
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**B. Health Education Concentration**

<table>
<thead>
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<tbody>
<tr>
<td>HSC 3208</td>
<td>Foundations of Health Education</td>
<td>3</td>
</tr>
<tr>
<td>HSC 3231</td>
<td>Client Education in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HSC 4250</td>
<td>Task Analysis &amp; Curriculum Development in the Health Professions</td>
<td>3</td>
</tr>
<tr>
<td>HSC 4241</td>
<td>Needs Assessment &amp; Program Planning</td>
<td>3</td>
</tr>
<tr>
<td>HSC 4910</td>
<td>Capstone: Developing Community Health Services</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

- HUS 4508  Substance Abuse & the Family (3)
- HUS 4683  Substance Abuse Treatment & Resources (3)

**C. Human Occupations Concentration**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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<tr>
<td>OTH 3000</td>
<td>Defining Occupational Therapy</td>
<td>3</td>
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<tr>
<td>OTH 3417C</td>
<td>Human Gross Anatomy (4)</td>
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<tr>
<td>OTH 3429C</td>
<td>Neuroanatomy of Human Nervous System (3)</td>
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<tr>
<td>OTH 4583</td>
<td>Occupation &amp; Activity (4)</td>
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<tr>
<td>PHY 2053C</td>
<td>College Physics</td>
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</table>

**6. University Requirements**

- IDS 3920  University Colloquium (3)

**7. Additional Electives**

Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

**TOTAL SEMESTER HOURS REQUIRED** 120 HRS

**Additional Graduation Requirements**

- Students must satisfactorily complete a minimum of 120 credit hours.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- A minimum grade of C is required for all completed CHP core courses and courses included in the Community Health major and concentrations for a student to be progressed through the curriculum.

- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/

**Transfer Notes and Acceptable Substitutes**

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better:

- BSC 1085C: May substitute any Human Anatomy and Physiology I w/Lab (4)
- BSC 1086C: May substitute any Human Anatomy and Physiology II w/Lab (4)
- CHM 1045C: May substitute any General Chemistry w/Lab (4)
- MCB 2010C: May substitute any Microbiology w/Lab (4)

**COMPUTER INFORMATION SYSTEMS (B.S.)**

Lutgert College of Business
Department of Computer Information Systems and Decision Sciences

Web Address: www.fgcu.edu/cob/
Catalog Year 2007-2008

**Admission Requirements**

- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Satisfy Common Prerequisite requirements with a grade of C or higher, and be in good academic standing.
- Attend an orientation session.

**Degree Requirements**

1. FGCU General Education Program (GEP) (36 hrs)
   - Communication (6hrs)
     1. Select ENC 1101
     2. Select ENC 1102
   - Mathematics (6 hrs)
     1. Select MAC 2233
     2. Select STA 2023
   - Humanities (9 hrs)
     1. Select HUM 2510
   - Social Sciences (6-9 hrs)
     1. Select ECO 2013
     2. Select ECO 2023
   - Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   - ACG 2021  Core Concepts of Accounting I (3)
   - ACG 2071  Core Concepts of Accounting II (3)
   - CGS 1100  Introduction to Computers (3)
   - ECO 2013  Principles of Macroeconomics (GEP)
   - ECO 2023  Principles of Microeconomics (GEP)
   - MAC 2233  Elementary Calculus (GEP)
   - STA 2023  Statistical Methods (GEP)

3. Business Common Core (27 hrs)
   - BUL 3130  Legal & Ethical Environment of Bus (3)
   - FIN 3403  Business Finance (3)
   - ISM 3011  Information Systems (3)
   - MAN 3025  Contemporary Mgt Concepts (3)
   - MAN 3504  Operations Management (3)
   - MAR 3023  Introduction to Marketing (3)
   - GEB 4890  Business Strategy (capstone) (3)
   - ENC 3250  Professional Writing (3)
   - SPC 2023  Public Speaking (3)

4. Required Courses in the Major (18 hrs)
   - ISM 3113  Systems Analysis & Design (3)
   - ISM 3212  Database Concepts & Admin (3)
   - ISM 3220  Data Communications (3)
   - ISM 3230  Intro Business Programming (3)
   - ISM 3232  Intermed Business Programming (3)
   - ISM 4154  Systems Integration Strategies (3)

5. Restricted Electives (9 hrs)

Select 9 hours of approved upper division (3-4000 level) electives in Computer Information Systems. See college advisor for a list of approved courses.

6. University Requirements (3 hrs)
   - IDS 3920  University Colloquium (3)

7. Additional Electives (variable)
TOTAL SEMESTER HOURS REQUIRED (120 hrs)

Additional Graduation Requirements

- Complete a minimum of 120 credit hours, with at least 48 hours at the upper division (3-4000 level).
- Earn a Grade of C or higher in the Common Prerequisites, Business Common Core, Required Courses in the Major, and Restricted Electives.
- Complete a minimum of 30 credit hours of business courses at FGCU, including 12 credit hours in the major.
- Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/apply.
- Complete the standardized business knowledge assessment exam administered during the last semester in GEB 4890 Business Strategy.

Transfer Notes and Acceptable Substitutes

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:

- ACG 2021: may substitute ACG 1001 and ACG 2011
- CGS 1100: may substitute one of the following CGS X530, X570, X060, X100, X351, X570, X000, MAN X812 or demonstrated competency in CGS 1100
- MAC 2233: may substitute MAC X230
- STA 2023: may substitute QMB X100

Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student's degree program.

COMPUTER SCIENCE (B.S.)

Lutgert College of Business

Department of Computer Science

Web Address: www.fgcu.edu/cob/

Catalog Year 2007-2008

Admission Requirements

- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Satisfy Common Prerequisites with a grade of C or higher, and be in good academic standing.
- Attend an orientation session.

Degree Requirements

1. FGCU General Education Program (GEP) (36 hrs)
   - A. Communication (6hrs)
     1. Select ENC 1101
     2. Select ENC 1102
   - B. Mathematics (6 hrs)
     1. Select MAC 2311
     2. Select MAC 2312
   - C. Humanities (9 hrs)
     1. Select HUM 2510
   - D. Social Sciences (6-9 hrs)
   - E. Natural Sciences (6-9 hrs)
     1. Select PHY 2048C
     2. Select PHY 2049C

2. Common Prerequisites (variable)
   - COP 2006 Introduction to Programming (3)
   - MAC 2311 Calculus I (GEP)
   - MAC 2312 Calculus II (GEP)
   - PHY 2048C General Physics I (GEP)
   - PHY 2049C General Physics II (GEP)

3. Required Courses in the Major (42 hrs)
   - Select two science courses for science majors (6)
   - CDA 3104 Computer Organization & Assembly Language Programming (3)
   - CDA 3200 Digital Systems (3)
   - CDA 4150 Computer Architecture (3)
   - CEN 3031 Software Engineering (3)
   - CEN 4516 Computer Networks (3)
   - CEN 4935 Sr Software Engineering Project (3)
   - COP 1500 Introduction to Computer Science (3)
   - COP 2001 Programming Methodology (3)
   - COP 2532 Data Structures (3)
   - COP 3003 Object-Oriented Programming (3)
   - COP 4010 Operating Systems (3)
   - COT 3400 Algorithms (3)
   - ISM 3212 Database Concepts & Admin (3)
   - MAD 3107 Discrete Mathematics (3)

4. Restricted Electives/Concentration (12-15 hrs)
   - Select one of the following groupings:
     - A. Restricted Electives (12 hours)
       (No concentration noted on transcript)
       Select 12 hours from the following:
       - CAP 3611 Computation & Neural Systems (3)
       - CAP 4730 Computer Graphics (3)
       - CAP 4830 Simulation & Modeling (3)
       - CDA 4170 Data Acquisition & Control Systems (3)
       - COP 2550 Programming Systems (3)
       - COP 4908 Independent Study (3)
       - COP 4931 Special Topic in Computer Science (3)
       - ISM 3238 Advanced Business Programming (3)
       See college advisor for approval of additional courses.
     - B. Software Engineering Concentration (15 hours)
       - CAP 4830 Simulation & Modeling (3)
       - CDA 4170 Data Acquisition & Control Systems (3)
       - ENC 3250 Professional Writing (3)
       Additional 6 hours of approved upper division (3-4000 level) Computer Science electives. See college advisor for a list of approved courses.

5. University Requirements (3 hrs)
   - IDS 3920 University Colloquium (3)

6. Unrestricted Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 hrs

Additional Graduation Requirements

- Complete a minimum of 120 credit hours, with at least 48 hours at the upper division (3-4000 level).
- Earn a Grade of C or higher in the Common Prerequisites, Business Common Core, Required Courses in the Major, and Restricted Electives/Concentration.
- Complete a minimum of 30 of the last 60 credit hours at FGCU, including 12 credit hours in the major.
- Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/.

Transfer Notes and Acceptable Substitutes

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:

- COP 2006: may substitute Introductory Programming in
Ada, C, C++, or PASCAL or equivalent language.
- PHY 2048C may substitute PHY 2048 and PHY 2048L
- PHY 2049C may substitute PHY 2049 and PHY 2049L
Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.

CRIMINAL FORENSIC STUDIES (B.S.)
College of Professional Studies
Division of Justice Studies
Web address: http://cps.fgcu.edu/cj/index.html
Catalog Year 2007-2008

Admission Requirements
- Submission of a State University System (SUS) common application for admission and satisfaction of all applicable university admission requirements.
- Satisfaction of Common Prerequisites with a grade of C or better.
- Satisfaction of general education program.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites
   None. All community college students are encouraged to complete the Associate in Arts degree.

3. Required Courses in the Major (45 hrs)
   ANT3520 Forensic Anthropology (3)
   CCJ 3024* CJ Systems and Processes (3)
   CCJ 3603 Forensic Psychology (3)
   CCJ 3610 Theories of Criminal Behavior (3)
   CCJ 3670 Introduction to Criminalistics (3)
   CCJ 3701 Research Methods in Criminal Justice (3)
   CCJ 4487 Ethics in the Criminal Justice System (3)
   CCJ 4674 Advanced Forensic Psychology (3)
   CCJ 4934 Senior Seminar (3)
   CCJ 4940 Internship (3)
   CHS 3501C Introduction to Forensic Science (3)
   CHS 3505C Forensic Microscopy I (3)
   CJE 4612 Interview and Interrogation (3)
   CJE 4641 Advanced Criminalistics (3)
   CJL 4064 Constitutional Criminal Law (3)

*An approved 3000 level or higher CCJ course can be substituted for CCJ 3024 if the student has completed CCJ 1020 or an equivalent course. Contact the college academic advisor for information.

4. Restricted Electives (12 hrs)
   CCJ 3603 Forensic Psychology (3)
   CCJ 3653 Drugs, Alcohol and Crime (3)
   CCJ 3666 Victology (3)
   CCJ 3670 Introduction to Criminalistics (3)
   CCJ 4035 Media and Crime (3)
   CCJ 4042 Issues in International Justice (3)
   CCJ 4454 Issues in CJ Administration (3)
   CCJ 4601 Human Behavior (3)
   CCJ 4674 Advanced Forensic Psychology (3)
   CCJ 4630 Comparative Justice (3)
   CCJ 4662 Minorities and Crime (3)
   CCJ 4663 Female Crime (3)
   CCJ 4681 Domestic Violence (3)
   CCJ 4910 Independent Research (3)
   CCJ 4933 Special Topics in CJ (3)
   CCJ 4940 Internship (1-3)
   CCJ 4957 CJ Study Tour Abroad (3)
   CCJ 3410 Methods of Offender Treatment (3)
   CJC 4010 American Corrections (3)
   CJC 4015 Issues in Corrections (3)
   CJC 4166 Alternatives to Incarceration (3)
   CJE 3365 Crisis Intervention (3)
   CJE 4014 Issues in Law Enforcement
   CJE 4114 Law Enforcement (3)
   CJE 4444 Crime Prevention (3)
   CJ 3501 Juvenile Delinquency (3)
   CJ 4015 Juvenile Justice System (3)
   CJ 4018 Issues in Juvenile Justice
   CJL 4064 Constitutional Criminal Law (3)
   CJL 4074 Legal Issues in Corrections (3)
   CJL 4415 Law and Social Control (3)
   PLA 4570 Globalization and the Rule of Law (3)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- Students must satisfactorily complete a minimum of 120 credit hours.
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/

CRIMINAL JUSTICE (B.S.)
College of Professional Studies
Division of Justice Studies
Web address: http://cps.fgcu.edu/cj/index.html
Catalog Year 2007-2008

Admission Requirements
- Submit a State University System (SUS) common application for admission and satisfaction of all applicable university admission requirements.
- Satisfy Common Prerequisites with a grade of C or better.
- Satisfy general education program requirements.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites
   None.

3. Required Courses in the Major (24 hrs)
   CCJ 3024* CJ Systems and Processes (3)
   CCJ 3610 Theories of Criminal Behavior (3)
   CCJ 3701 Research Methods in Criminal Justice (3)
   CCJ 4940 Internship (1-3)
   CJC 3410 Methods of Offender Treatment (3)
   CJC 4010 American Corrections (3)
   CJC 4015 Issues in Corrections (3)
   CJC 4166 Alternatives to Incarceration (3)
   CJE 3365 Crisis Intervention (3)
   CJE 4014 Issues in Law Enforcement
   CJE 4114 Law Enforcement (3)
   CJE 4444 Crime Prevention (3)
   CJ 3501 Juvenile Delinquency (3)
   CJ 4015 Juvenile Justice System (3)
   CJ 4018 Issues in Juvenile Justice
   CJL 4064 Constitutional Criminal Law (3)
   CJL 4074 Legal Issues in Corrections (3)
   CJL 4415 Law and Social Control (3)
   PLA 4570 Globalization and the Rule of Law (3)

4. Restricted Electives (12 hrs)
   CCJ 3603 Forensic Psychology (3)
   CCJ 3653 Drugs, Alcohol and Crime (3)
   CCJ 3666 Victology (3)
   CCJ 3670 Introduction to Criminalistics (3)
   CCJ 4035 Media and Crime (3)
   CCJ 4042 Issues in International Justice (3)
   CCJ 4454 Issues in CJ Administration (3)
   CCJ 4601 Human Behavior (3)
   CCJ 4674 Advanced Forensic Psychology (3)
   CCJ 4630 Comparative Justice (3)
   CCJ 4662 Minorities and Crime (3)
   CCJ 4663 Female Crime (3)
   CCJ 4681 Domestic Violence (3)
   CCJ 4910 Independent Research (3)
   CCJ 4933 Special Topics in CJ (3)
   CCJ 4940 Internship (1-3)
   CCJ 4957 CJ Study Tour Abroad (3)
   CJC 3410 Methods of Offender Treatment (3)
   CJC 4010 American Corrections (3)
   CJC 4015 Issues in Corrections (3)
   CJC 4166 Alternatives to Incarceration (3)
   CJE 3365 Crisis Intervention (3)
   CJE 4014 Issues in Law Enforcement
   CJE 4114 Law Enforcement (3)
   CJE 4444 Crime Prevention (3)
   CJ 3501 Juvenile Delinquency (3)
   CJ 4015 Juvenile Justice System (3)
   CJ 4018 Issues in Juvenile Justice
   CJL 4064 Constitutional Criminal Law (3)
   CJL 4074 Legal Issues in Corrections (3)
   CJL 4415 Law and Social Control (3)
   PLA 4570 Globalization and the Rule of Law (3)
4. Restricted Electives (12 hrs)

Select 12 hours from the following:
- CCJ 3603 Forensic Psychology (3)
- CCJ 3653 Drugs, Alcohol and Crime (3)
- CCJ 3666 Victimology (3)
- CCJ 3670 Introduction to Criminalistics (3)
- CCJ 4035 Media and Crime (3)
- CCJ 4042 Issues in International Justice (3)
- CCJ 4454 Issues in CJ Administration (3)
- CCJ 4601 Human Behavior (3)
- CCJ 4674 Advanced Forensic Psychology (3)
- CCJ 4630 Comparative Justice (3)
- CCJ 4662 Minorities and Crime (3)
- CCJ 4683 Female Crime (3)
- CCJ 4681 Domestic Violence (3)
- CCJ 4910 Independent Research (3)
- CCJ 4933 Special Topics in CJ (3)
- CCJ 4940 Internship (1-3)
- CCJ 4957 CJ Study Tour Abroad (3)
- CJC 3410 Methods of Offender Treatment (3)
- CJC 4010 American Corrections (3)
- CJC 4015 Issues in Corrections (3)
- CJC 4166 Alternatives to Incarceration (3)
- CJE 3365 Crisis Intervention (3)
- CJE 4014 Issues in Law Enforcement (3)
- CJE 4114 Law Enforcement (3)
- CJE 4444 Crime Prevention (3)
- CJE 3501 Juvenile Delinquency (3)
- CJE 4015 Juvenile Justice System (3)
- CJE 4018 Issues in Juvenile Justice (3)
- CLJ 4064 Constitutional Criminal Law (3)
- CLJ 4074 Legal Issues in Corrections (3)
- CLJ 4415 Law and Social Control (3)
- PLA 4570 Globalization and the Rule of Law (3)

5. University Requirements (3 hrs)

IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- Students must satisfactorily complete a minimum of 120 credit hours.
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/

EARLY CHILDHOOD EDUCATION (B.A.)
College of Education
Division of Undergraduate Studies

Web Address: http://coe.fgcu.edu/earlychildhood/
Catalog Year 2007-2008

Admission Requirements
- An overall GPA of 2.5 on all hours attempted.
- Pass all subsections of the CLAST, FTCE General Knowledge Test, or Praxis I. No exemptions can be considered.
- Satisfy all General Education requirements.
- Satisfy Gordon Rule requirements.
- Satisfy common prerequisite requirements.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   - Communication (6 hrs)
   - Mathematics (6 hrs)
   - Humanities (9 hrs)
   - Social Sciences (6-9 hrs)
   - Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   - A. EDF 2005* Introduction to Education (3)
   - B. EDG 2701* Teaching Diverse Populations (3)
   - C. EME 2040* Educational Technology (3)
   - D. In addition to EDG 2701, a minimum of 6 hrs with an international or diversity focus is required.

Additional courses must be completed with a minimum grade of C or better.

3. Required Courses in the Major (66 hrs)
The following course sequence assumes a fall start with full-time attendance. Students beginning in spring or summer or attending part-time should see a College of Education Advisor.

Block 1
- EDF 3201 Diversity of Human Experience (6)
- EDG 3201 Professional Studies (6)
- IDS 3920 University Colloquium (see below)

Block 2
- EDF 4371 Creative & Affective Development (3)
- MAE 4310 Math Content & Process (3)
- EEX 4201 Young Children with Special Needs (3)
  (offered only in the spring)
- RED 4310 Early Learning Literacy (3)
- TSL 4520 Second Language Acquisition, Communication & Culture (3)

Block 3
- EDE 4304 Integrated Mathematics & Science (3)
- EEC 4942 Integrated Field Experience-Early Childhood (3)
- EEX 4231 Assessing Progress of Young Children with Disabilities (3)
- SSE 4343 Social Sciences and Humanities (3)
- RED 4350 Literacy Content and Processes (3)

Block 4
- EDE 4304 Integrated Mathematics & Science (3)
- EEC 4942 Integrated Field Experience-Early Childhood (3)
- EEX 4231 Assessing Progress of Young Children with Disabilities (3)
- TSL 4344 Methods, Curriculum & Instructional Effectiveness (3)
- LAE 4416 Children's Literature (3)

Block 5
- EEC 4936 Senior Seminar: Early Childhood (3)
- EEC 4940 Internship: Early Childhood (9)
4. University Requirements (3 hrs)  
IDS 3920 University Colloquium (3)

5. Additional Electives (variable)  
Additional electives may be required to reach a minimum of 129 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 129 HRS

Progression Standards  
• In order to register for courses in Block 2, students must pass all sections of the Florida Teacher Certification Exam (FTCE) General Knowledge Test.
• In order to be placed in the Block 4 Integrated Field Experience, students must pass the FTCE Professional Education Test.
• In order to be placed in a Block 5 Final Internship, students must have taken the FTCE Subject Area Exam.
• Students will not graduate until all required tests of the Florida Teacher Certification Exam are passed.

Additional Graduation Requirements  
• A grade of C or higher in all College of Education (COE) courses with an overall GPA of 2.5 in all COE coursework and in all coursework attempted.
• Pass the Florida Teacher Certification Examination (FTCE), including the Professional Education examination, one subject area examination and the General Knowledge Test (the CLAST will meet this requirement if passed prior to July 1, 2002.)
• A minimum of 48 upper division hours (courses numbered 3000 and higher).
• Complete 30 of the last 60 hours at FGCU.
• Satisfy foreign language admission requirement.
• Satisfy of Service Learning requirement. [www.fgcu.edu/connect/]
• Complete all components of the Teacher Effectiveness Portfolio at the Proficient performance level.

Transfer of Undergraduate Coursework  
The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)  
A. EDF 2005* Introduction to Education (3)  
B. EDG 2701* Teaching Diverse Populations (3)  
C. EME 2040* Educational Technology (3)  
D. In addition to EDG 2701, a minimum of 6 hrs with an international or diversity focus is required.

*Courses must be completed with a minimum grade of C or better.

3. Required Courses in the Major (63 hrs)  
The following course sequence assumes a fall start with full-time attendance. Students beginning in spring or summer or attending part-time should see a College of Education Advisor.

Block 1  
EDF 3201 Diversity of Human Experience (6)  
EDG 3201 Professional Studies (6)  
IDS 3920 University Colloquium (see below)

Block 2  
EDG 4371 Creative & Affective Development (3)  
MAE 4310 Math Content & Processes (3)  
RED 4310 Early Learning Literacy (3)  
SCE 4310 Science Methods (3)  
TSL 4520 Second Language Acquisition, Communication & Culture (3)

Block 3  
LAE 4416 Children’s Literature (3)  
RED 4350 Literacy Content & Processes (3)  
SSE 4343 Social Sciences & Humanities (3)

Block 4  
EDE 4304 Integrated Mathematics & Science (3)  
EDE 4942 Integrated Field Experience: Elementary Ed (3)  
EDF 4470 Assessment & Action Research (3)  
TSL 4344 Methods, Curriculum & Instructional Effectiveness (3)

Select one of the following:  
EEC 3268 Play, Development & Assessment (3)  
EEC 4300 Cognitive Experiences for Young Children (3)

Block 5  
EDE 4936 Senior Seminar: Elementary Ed (3)  
EDE 4940 Internship: Elementary Ed (9)

4. University Requirements (3 hrs)  
IDS 3920 University Colloquium (3)

5. Additional Electives (variable)  
Additional electives may be required to reach a minimum of 126 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 126 HRS

Progression Standards  
• In order to register for courses in Block 2, students must pass all sections of the Florida Teacher Certification Exam (FTCE) General Knowledge Test.
• In order to be placed in the Block 4 Integrated Field Experience, students must pass the FTCE Professional Education Test.
• In order to be placed in a Block 5 Final Internship, students must have taken the FTCE Subject Area Exam.
• Students will not graduate until all required tests of the
Additional Graduation Requirements
• A grade of C or higher in all College of Education (COE) courses with an overall GPA of 2.5 in all COE coursework and in all coursework attempted.
• Pass the Florida Teacher Certification Examination (FTCE), including the Professional Education examination, the subject area examinations and the General Knowledge Test (the CLAST will meet this requirement if passed prior to July 1, 2002.)
• A minimum of 48 upper division hours (courses numbered 3000 and higher).
• Complete 30 of the last 60 hours at FGCU.
• Satisfy foreign language admission requirement.
• Satisfy Service Learning requirement. [www.fgcu.edu/connect/]
• Complete all components of the Teacher Effectiveness Portfolio at the Proficient performance level.

Transfer of Undergraduate Coursework
The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

ENGLISH (B.A.)
College of Arts and Sciences
Department of Language and Literature
Web Address: www.fgcu.edu/cas/english/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
      2. LIT 2000 (3) recommended
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   ENC 1101 Composition I (GEP)
   ENC 1102 Composition II (GEP)

3. Interdisciplinary Core (9 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)

4. Required Courses in the Major (6 hrs)
   ENG 3014 Intro to Literary & Cultural Studies (3)
   ENG 4930 Senior Seminar (3)

5. Restricted Electives in the Major (24 hrs)
   • Select nine hours in senior level readings courses
   • Select nine hours in senior level seminars.
   • Select six hours in pre-1800 literature
   • Select six hours in post-1800 literature
   • Select six hours in United States Literature and Culture (AML)*
   • Select six hours in British Literature and Culture (ENL)*
   • Select six hours from the following list in Literatures and Cultures (LIT)*
   *These 18 hours can overlap with the above requirements.
   AML 3213 Exploration, Colonial, and Early National Literature and Culture (3)
   AML 3220 Nineteenth Century US Lit and Culture (3)
   AML 3242 Twentieth Century US Lit and Culture (3)
   AML 4111 US Novels of the 19th Century (3)
   AML 4121 US Novels of the 20th Century (3)
   AML 4261 Literature of the South (3)
   AML 4265 Florida Writers (3)
   AML 4300 Selected Authors from the US (3)
   AML 4604 Seminar in African-American Lit (3)
   AML 4624 Lit by Women of Color in the US (3)
   AML 4630 Latino Literature (3)
   AML 4703 The Immigrant Exp in Lit of US (3)
   AML 4930 Selected Topics in US Literature and Culture
   ENL 3210 Anglo Saxon and Medieval Lit and Culture (3)
   ENL 3220 Renaissance Literature and Culture (3)
   ENL 3230 Restoration and Eighteenth Century Literature and Culture (3)
   ENL 3241 Romantic Literature and Culture (3)
   ENL 3251 Victorian Literature and Culture (3)
   ENL 3270 Twentieth Century British Lit and Culture (3)
   ENL 3323 Shakespeare Survey (3)
   ENL 4122 British Novels of the 19th Century (3)
   ENL 4132 British Novels of the 20th Century (3)
   ENL 4218 Medieval British Romance (3)
   ENL 4295 Literature of the Plague (3)
   ENL 4303 Selected British Authors (3)
   ENL 4338 Shakespeare and Elizabethan Culture (3)
   ENL 4930 Selected Topics in British Literature (3)
   LIT 3144 Modern European Novel (3)
   LIT 3301 Cultural Studies and Popular Arts (3)
   LIT 3400 Interdisciplinary Topics in Lit. (3)
   LIT 4061 Comparative Literature
   LIT 4093 Contemporary Literature (3)
   LIT 4353 Ethnic Studies (3)
   LIT 4404 Seminar in Interdisciplinary Lit. (3)
   LIT 4434 Environmental Literature (3)
   LIT 4493 Politics and Literature (3)
   LIT 4853 Topics in Cultural Critique (3)
   LIT 4930 Selected Topics in Literary Studies (3)

Students may choose at most two of the following courses:
CRW 4120 Advanced Fiction Writing (3)
CRW 4320 Advanced Poetry Writing (3)
ENC 3250 Professional Writing (3)
ENC 3310 Expository Writing (3)
ENC 4930 Selected Topics in Writing (3)
ENG 4060 History of English Language (3)
LIT 4213 Literary Theory (3)
ENG 4906 Individual Research (3)
JOU 3101 Journalism (3)

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)
**ENVIRONMENTAL ENGINEERING (B.S. ENV.E.)**

**Lutgert College of Business**  
**U.A. Whitaker School of Engineering**  
Web Address: www.fgcu.edu/cob/eng/  
Catalog Year 2007-2008

**Admission Requirements**
- Submit a State University System (SUS) common application for admission and satisfy all applicable university admission requirements.
- Be in good academic standing and complete the following with a grade of C or higher: English I, English II, Calculus I, Calculus II, General Chemistry I, and General Physics I.
- Attend an orientation session and declare a major.

**Degree Requirements**

1. **FGCU General Education Program (GEP)**  
   (36 hrs)
   - Communication (6 hrs)
     1. Select ENC 1101 (3)
     2. Select ENC 1102 (3)
   - Mathematics (6 hrs)
     1. Select MAC 2311 (4)
     2. Select STA 2037 (3)
   - Humanities (9 hrs)
     1. Select HUM 2510 (3)
   - Social Sciences (6 hrs)
   - Natural Sciences (6-9 hrs)
     1. Select BSC 1010C (4)
     2. Select CHM 1046C (4)

2. **Common Program Prerequisites**  
   (GEP + 23 hrs)
   ENC 1101  English I (GEP)  
   ENC 1102  English II (GEP)  
   MAC 2311  Calculus I w/Analytical Geometry (GEP)  
   MAC 2312  Calculus II w/Analytical Geometry (4)  
   MAC 2313  Calculus III w/Analytical Geometry (4)  

3. **Engineering Common Core**  
   (20 hrs)
   - EGN 1006L  Intro to the Engineering Profession (1)
   - EGN 1008C  Engineering Concepts & Methods (3)
   - EGM 3420C  Engineering Mechanics (4)
   - EGN 3641C  Engineering Entrepreneurship (3)
   - EGN 3331C  Mechanics of Materials (3)
   - EGN 3833C  Service Learning in Engineering (2)
   - EGN 4XXX  Senior Design I (1)
   - EGN 4XXXC  Senior Design II (3)

4. **Required Courses in the Major**  
   (46 hrs)
   - EGN 2111C  Engineering Computer Graphics (2)
   - EES 3204C  Environmental Chemistry for Engineers (2)
   - CWR 3201C  Engineering Fluid Mechanics (3)
   - ENV 3006C  Fundamentals of Environmental Engineering (3)
   - CEG 3011C  Soil Mechanics (3)
   - CWR 3202C  Hydraulics and Hydrology (4)
   - CGN 3323C  Surveying and Geomatics (3)
   - EGN 4XXXX  Water and Wastewater Treatment (3)
   - EGN 4XXXX  Solid and Hazardous Waste Mgt. (3)
   - EGN 4XXXX  Water Resources Design (3)
   - EGN 4XXXX  Project Planning and Regulations (3)
   - EGN 4XXXX  Elements of Atmospheric Pollution (3)
   - EVR 4605C  Environmental Toxicology (3)*
   - GLY 1000C  Physical & Historical Geology (4)*

5. **University Requirements**  
   (3 hrs)
   - IDS 3920  University Colloquium (3)

**Transfer Notes and Acceptable Substitutes**

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:
- CHM 1045C: may substitute CHM 1045 and CHM 1045L or CHS X440
- MAC 2311, MAC 2312, and MAC 2313: may substitute MAC X281, MAC X282, and MAC X283
- PHY 2048C: may substitute PHY 2048 and PHY 2048L
- PHY 2049C: may substitute PHY 2049 and PHY 2049L

**TOTAL SEMESTER HOURS REQUIRED**  
128 HRS

**Additional Graduation Requirements**
- A minimum of 128 credit hours.
- At least 48 of the 128 hours at the upper division (3000 and higher) level.
- A minimum of 32 of the last 60 credit hours to be taken at FGCU, including 12 credit hours in the major.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A cumulative GPA of 2.0 on all engineering courses.
(*These courses are not included in the calculation of the cumulative GPA for engineering courses.)
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/

**TOTAL SEMESTER HOURS REQUIRED**  
128 HRS
Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student's degree program.

ENVIRONMENTAL STUDIES (B.A.)
College of Arts and Sciences
Department of Marine and Ecological Sciences
Web Address: www.fgcu.edu/cas/envstu
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101
      2. ENC 1102
   B. Mathematics (6 hrs)
      1. STA 2023
   C. Humanities (9 hrs)
      1. HUM 2510
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. BSC 1011C (4)
      2. BSC 1051C (3)
      3. CHM 1084C or CHM 1045C (4)

   Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

2. Common Prerequisites (variable)
   A. BSC 1011C General Biology II w/Lab (4) (GEP)
   B. CHM 1045C General Chemistry I w/Lab (4) (GEP) or CHM 1084C Environmental Chemistry w/Lab (4) (GEP)
   C. STA 2023 Statistics (3) (GEP)
   D. BSC 1051C Environmental Biology (3) (GEP)

   Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

3. Interdisciplinary Core (12 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)

4. Required Courses in the Major (12 hrs)
   EVR 3020 Environmental Philosophies (3)
   EVR 4326 Consrv Strat for Sustainable Future (3)
   ISC 3120 Scientific Process (3)
   PCB 3043C General Ecology (3)

5. Restricted Electives (24 hrs)
   Select 2 hours in any combination:
   BSC 4933 Current Topics (1)
   EVR 4920 Current Topics (1)
   ISC 4930 Current Topics (1)
   Select 6 hours to include all of the following:
   EVR 4910 Senior Project in Envir Studies (1-4)
   EVR 4911 Senior in Envir Studies (1-4)
   EVR 4940 Internship in Envir Studies (1-4)
   Select 3 hours:
   AFS 3251 African Environments (3)
   ASN 3412 Asian Environments (3)
   LAS 3007 Latin American Environments (3)
   LAS 3022 Caribbean Environments (3)

   Select 13 hours from any combination of the following:
   A. General Environmental Studies
      AMH 3423 Modern Florida (3)
      AMH 4428 Southwest Florida History (3)
      ART 3840 Environmental Art (3)
      BSC 4933 Current Topics (1)*
      EVR 4905 Independent Study in Environmental Studies (1-4) [may repeated]
      EVR 4920 Current Topics (1)*
      EVR 4930 Special topics in Environmental Studies (1-4) [may be repeated]
      ISC 3145C Global Systems (3)
      ISC 4930 Current Topics (1)*
      PCB 3460C Ecosystem Monitor & Resch Meth (3)
      PCB 4303C Limnology & Wetlands (3)
      SOP 4714C Environmental Psychology (3)
      *Select the topic not taken as part of the Environmental Studies core.
   B. Environmental Education
      EVR 3021 Environmental Literature (3)
      EVR 3025 Cultural Ecology (3)
      EVR 4924 Environmental Education (3)
      SCE 4305 Communication Skills Science Cl (2)
      SCE 4320 Teaching Methods Middle Sch Sci (3)
      SCE 4330 Teaching Methods Sec School Sci (3)
   C. Environmental Science and Technology
      BOT 3153 Flora of Southwest Florida (3)
      BSC 3403C Environmental Quantitative Tech (3)
      EVR 4028 Simulation and Modeling (3)
      EVR 4867 Risk Assessment (3)
      EVS 4008 Environmental Technologies (3)
      EVS 4814 Environmental Toxicology (3)
      GLY 4952 Carbonate Depositional Env (3)
      HIS 3470 History of Science & Technology (3)
      OCE 3008C Oceanography (3)
      PCB 3414C Behavioral Ecology (3)
      ZOO 4454C Ichthyology (3)
   D. Environmental Policy and Planning
      AEB 4025 American Agriculture & Society (3)
      ECP 3302 Environmental Economics (3)
      EVR 4324 Integrated Ecosystems Mgmt I (3)
      EVR 4325 Integrated Ecosystems Mgmt II (3)
      MAN 3441 Conflict Management (3)
      SYD 4020 Global Population (3)
   E. Environmental Science and Technology
      IDS 3920 University Colloquium (3)

   7. University Requirements (3 hrs)
      IDS 3920 University Colloquium (3)

   8. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better:
• BSC 1011C: may substitute BSC 1011 and BSC 1011L or one semester of introductory science to include biology
• CHM 1045C or CHM 1084C: may substitute CHM 1045 and 1045L or one semester of introductory science to include chemistry
• BSC 1051C: may substitute EVR x00x, BSC x030, and BSC x050 or one semester of introductory environmental studies, environmental science or ecology.

FINANCE (B.S.)
Lutgert College of Business
Department of Accounting and Finance
Web Address: www.fgcu.edu/cob/
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Satisfy Common Prerequisites with a grade of C or higher, and be in good academic standing.
• Attend an orientation session.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select ENC 1101
      2. Select ENC 1102
   B. Mathematics (6 hrs)
      1. Select STA 2023
      2. Select MAC 2233
   C. Humanities (9 hrs)
      1. Select HUM 2510
   D. Social Sciences (6-9 hrs)
      1. Select ECO 2013
      2. Select ECO 2023
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   ACG 2021 Core Concepts of Accounting I (3)
   ACG 2071 Core Concepts of Accounting II (3)
   CGS 1100 Introduction to Computers (3)
   ECO 2013 Principles of Macro Economics (GEP)
   ECO 2023 Principles of Micro Economics (GEP)
   MAC 2233 Elementary Calculus (GEP)
   STA 2023 Statistical Methods (GEP)

3. Business Common Core (27 hrs)
   BUL 3130 Legal & Ethical Environment of Bus (3)
   FIN 3403 Business Finance (3)
   ISM 3011 Information Systems (3)
   MAN 3025 Contemporary Mgt. Concepts (3)
   MAN 3504 Operations Management (3)
   MAR 3023 Introduction to Marketing (3)
   GEB 4890 Business Strategy (capstone) (3)
   ENC 3250 Professional Writing (3)
   SPC 2023 Public Speaking (3)

4. Required Courses in the Major (21 hrs)
   ECO 3101 Intermediate Price Theory (3)
   FIN 3244 Money & Capital Markets (3)
   FIN 3414 Financial Management (3)
   FIN 3504 Principles of Investments (3)
   FIN 4442 Financial Policy/Sr Seminar (3)
   FIN 4514 Security Analysis (3)
   QMB 3200 Economic & Business Statistics II (3)

5. Restricted Electives (6 hrs)
   Select 6 hours of approved upper division (3-4000 level) electives in Economics, Finance, Real Estate, or Taxation. See college advisor for a list of approved courses.

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• Complete a minimum of 120 credit hours, with at least 48 hours at the upper division (3-4000 level).
• Earn a grade of C or higher in the Common Prerequisites, Business Common Core, Required Courses in the Major, and Restricted Electives.
• Complete a minimum of 30 credit hours of business courses at FGCU, including 12 credit hours in the major.
• Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/.
• Complete the standardized business knowledge assessment exam administered during the last semester in GEB 4890 Business Strategy.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:
• ACG 2021: may substitute ACG X001 and ACG X011
• CGS 1100: may substitute one of the following CGS X530, X570, X060, X100, X531, X570, X000, MAN X812 or demonstrated competency in CGS 1100
• MAC 2233: may substitute MAC X230
• STA 2023: may substitute QMB X100

Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.
HEALTH SCIENCE (B.S.)
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Calendar Year 2007-2008

Coursework for this program is offered by distance learning.

Admission Requirements
• Submit a State University System (SUS) common application for admission and satisfy all applicable university admission requirements.
• Submit a completed College of Health Professions supplemental application, including an essay/statement of goals and a portfolio. Instructions are included in the application packet.
• Provide verification of a minimum cumulative grade point average (GPA) of 2.50 or a minimum GPA of 2.75 for the most recent 30 (+/-) college credit hours.
• Provide verification of TOEFL or IELTS scores that meet minimum university admission requirements.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites
   An associate’s degree in a health profession practitioner content area and possession of, or eligibility for licensure, certification, or registration in a health profession is required in order to participate in the health professions education practicum component of the Health Science Concentration.

3. Interdisciplinary College Core (12 hrs)
   IHS 3101 Shaping Health Care in the 21st Century (3)
   IHS 3203 Management and Leadership in Health Care Organizations (3)
   IHS 4504 Research Methods in Health Care (3)
   IHS 4938 Senior Seminar (3)

4. Required Courses in the Major (18 hrs)
   HSA 3110 Principles of Health Services Administration (3)
   HSA 3111 US Health Care Systems (3)
   HSA 4191 Health Care Information Systems (3)
   HSA 4340 Human Resource Management in Health Services Organizations (3)
   HSC 4500 Epidemiology (3)
   IHS 3112 Legal & Ethical Principles of Health Care (3)

5. Concentration Requirements (27 hrs)
   A. Health Science Concentration
      Required courses:
      HSC 3231 Client Education in Health Care (3)
      HSC 3243 Teaching and Learning in the Health Professions (3)
      HSC 3720 Health Perspectives and Assessment in Health Professions Practice (3)
      HSC 4250 Task Analysis & Curriculum Development in the Health Professions (3)
   Restricted Electives—select 15 hours from the list below (#6).

   B. Health Services Administration Concentration
      Required courses:
      HSA 3150 Health Care Policy in the US (3)
      HSA 4109 Principles of Managed Care (3)
      HSA 4170 Models of Financial Management in Health Care (3)
      HSA 4502 Risk Management in Health Services (3)
      HSA 48171 Practicum in Health Services Administration (3)
   Restricted Electives—select 12 hours from the list below (#6).

   C. Recreation Therapy Concentration
      Required courses:
      LEI 3703 Foundations of Therapeutic Recreation (3)
      LEI 4706 Conceptual Issues in Therapeutic Recreation (3)
      LEI 4709 Facilitation Techniques in Therapeutic Recreation (3)
      LEI 4711 Program Development & Evaluation in Therapeutic Recreation (3)
      LEI 4713 Principles and Practices in Therapeutic Recreation (3)
      LEI 4718 Assessment and Documentation in Therapeutic Recreation (3)
   Restricted Electives—select 9 hours from the list below (#6).

1HSA 4817 can be waived for an upper division elective with at least 3 years of documented health services administration employment with supervisory responsibilities.
2This concentration is closed to new students.

6. Restricted Electives
   Required hours vary by concentration (see above):
   GEY 3001 Introduction to Gerontology (3)
   GEY 3002 Family Issues and Aging (3)
   GEY 3045 Nutrition for Older Adults (3)
   GEY 3302 Communicating with Older Adults (3)
   GEY 3320 Programs for Older Adults (3)
   GEY 3601 Aging and Human Performance (3)
   GEY 4643 Later Life Transitions (3)
   GEY 4644 Psychosocial Aspects of Aging (3)
   GEY 4903 Directed Study in Gerontology (1-6)
   GEY 49303 Topics in Gerontology (1-6)
   GEY 4941 Practicum in Gerontology (3)
   GEY 4943 Intergenerational Interactions (3)
   HSA 3124 Comparative Health Service Delivery Systems (3)
   HSA 3412 Transcultural Health Care (3)
   HSA 4140 Program Planning and Evaluation (3)
   HSA 4222 Long Term Care Administration (3)
   HSA 4901 Directed Study in Health Services Administration (1-6)
   HSA 49313 Topics in Health Services Admin (1-6)
   HSA 4817 Practicum in Health Services Administration (3)
   (may be repeated with permission of advisor)
   HSC 4265 Continuing Education for the Health Professions (3)
   HSC 4729 Statistical Methods for Health Care (3)
   HSC 4818 Practicum in Health Professions Education (3)
   HSC 4905 Directed Study in Health Professions Education (1-6)
   HSC 49323 Topics in Health Professions Education (1-6)
   LEI 4940 Recreational Therapy Clinical (1-3)
3. May be repeated under various topics.

7. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

8. Additional Electives (variable)
   Additional electives may be required to each a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Progression Standards
- Maintain a cumulative GPA of 2.0 on a 4.0 scale.
- Earn a grade of C or better in each course. A grade of C minus (C-) is considered less than a C.
- Refer to the Health Science Student Guidebook for further information on progression standards. Guidebook available at: www.fgcu.edu/chp/hs/currentstu.html

Additional Graduation Requirements
- Apply for graduation by deadline indicated in the university calendar.
- Students must satisfactorily complete a minimum of 120 credit hours.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- A minimum grade of C is required for all IHS interdisciplinary core, Health Science major, and concentration courses. A grade of C minus (C-) is considered less than a C.
- Complete all program requirements.
- At least 25% of coursework required for the degree and 30 of the last 60 hours must be earned at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/

HISTORY (B.A.)
College of Arts and Sciences
Department of Social and Behavioral Sciences
Web Address: www.fgcu.edu/cas/History/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
      1. AMH 2010 or AMH 2020 recommended
      2. WOH 1023 or WOH 1030 recommended

2. Common Prerequisites (variable)
   6 hours in History introductory courses with AMH, ASH, EUH, LAH, HIS or WOH prefixes (GEP).

3. Interdisciplinary Core (9 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)

4. Required Courses in the Major (12 hrs)
   AMH 3571 African-Amer History to 1865 (3) OR
   AMH 3572 African-Amer History since 1865 (3)
   HIS 3064 Introduction to Historical Studies (3)
   HIS 4104 Historical Epistemology (3)
   HIS 4936 Pro-Seminar in History (3)

5. Restricted Electives in the Major (24 hrs)
   Select 24 hours from the following:
   AMH 3110 American Colonial History to 1750 (3)
   AMH 3130 American Revolution/Constitution (3)
   AMH 3141 United States History 1800-1860 (3)
   AMH 3172 The Civil War (3)
   AMH 3201 The United States, 1877-1929 (3)
   AMH 3252 The United States since 1929 (3)
   AMH 3421 Early Florida (3)
   AMH 3423 Modern Florida (3)
   AMH 3571 African-Amer History to 1865 (3)
   AMH 3572 African-Amer History since 1865 (3)
   AMH 3930 Seminar in American History (3)
   AMH 4270 US in Cold War Era (3)
   AMH 4428 Southwest Florida History (3)
   AMH 4512 Diplomatic History of the U.S. (3)
   AMH 4550 Historical Epistemology (3)

E. Natural Sciences (6-9 hrs)

Select 6 hours in History introductory courses with AMH, ASH, EUH, LAH, HIS or WOH prefixes (GEP).
6. University Requirements

IDS 3920 University Colloquium (3)

7. Additional Electives
(variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements

• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better

For AMH 2010 and WOH 1023 substitute any 6 hours in History introductory courses with AMH, ASH, EUH, LAH, HIS, or WOH prefixes

HUMAN PERFORMANCE (B.S.)
College of Health Professions
Division of Physical Therapy & Human Performance
Web Address: http://www.fgcu.edu/chp/
Calendar Year 2007-2008

Admission Requirements

• Submit a State University System (SUS) common application for admission, and satisfy applicable university admission requirements.
• Submit a supplemental application for the Human Performance major. For priority consideration, all application materials must be received by February 1 of the year in which entry is sought.
• At time of application to the major, 18 hours of prerequisite course work must be completed. At time of admission to the major, all prerequisite courses must be completed with a grade of C or better (a grade of C- or less is not acceptable).
• Earn a GPA calculated for all prerequisite courses of at least 3.00 (on a 4.0 scale).
• Earn a minimum GPA of 3.00 (on a 4.0 scale) for the most recent 30 college credit hours.

Degree Requirements

1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   1. Select STA 2023
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   BSC 1010C General Biology w/Lab (GEP)
   BSC 1085C Human Anatomy and Physiology I w/Lab (4)
   BSC 1086C Human Anatomy and Physiology II w/Lab (4)
   CHM 1045C General Chemistry I w/Lab (GEP)
   HSC 2577 Nutri Human Health & Wellness (3)
   PHY 2053C College Physics I w/Lab (4)
   PSY 2012 General Psychology (GEP)
   STA 2023 Statistics (GEP)

3. Interdisciplinary College Core (12 hrs)
   IHS 3101 Shaping Health Care in the 21st Century (3)
   IHS 3203 Management and Leadership in Health Care Organizations (3)
   IHS 4504 Research Methods in Health Care (3)
   IHS 4938 Senior Seminar (3)

4. Required Courses in the Major (45 hrs)
   APK 4120C Clinical Exercise Physiology (3)
   PHT 3176C Movement Science I (10)
   PHT 3177C Movement Science II (5)
   PET 3087C Foundations of Health Related Physical Fitness (3)
   PET 3384C Fitness Assessment & Exercise Prescription (3)
   PET 4380C Applied Exercise Physiology (3)
   PET 4285 Lifespan Development (2)
   PET 4297 Sport and Exercise Psychology (3)
   PET 4356 Environmental Exercise Physiology (3)
   PET 4389C Advanced Methods of Strength & Conditioning (3)
   PET 4930 Preparation for Entering and Growing in the Profession (1)
   PET 4941 Experiential Learning I (4)
   PET 4948 Experiential Learning II (2)

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)

Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements

• Students must satisfactorily complete a minimum of 120 credit hours.
• At least 48 of the 120 hours must be in the upper division (3000 and higher).
• A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
• A minimum grade of C is required for all IHS interdisciplinary core, Human Performance major, and concentration courses.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/
• Perform at Entry Level in all Behavioral Criteria of the Professional Behaviors Plan.
• Apply for graduation per university guidelines and timeline.
• Meet all FGCU requirements for graduation.
• Complete three applied learning experiences (events) within each semester enrolled in the Human Performance program.

Progression Requirements
• Students must follow a Program of Study approved by the student’s faculty advisor.
• Students must receive a grade of “C” (“S” if applicable) or better on all courses within the program curriculum.
• A student must perform at the appropriate level of generic abilities and behavioral criteria as outlined in the Professional Behaviors Plan.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better:
- BSC 1085C: May substitute PET 2320, ZOO 3733, PET 3301C, ZOO 3731, BSC 2085
- BSC 1086C: May substitute PET 2350, PCB 3703, PET 3302C, PCB 3702, PCB 3704, BSC 2086
- CHM 1045C: May substitute any Organic Chemistry course
- HSC 2577: May substitute PETx361, PET 2014, HUN 2002

LEGAL STUDIES (B.S.)
College of Professional Studies
Division of Justice Studies
Web address: http://cps.fgcu.edu/cj/js/index.html
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfaction of all applicable university admission requirements.
• Satisfy Common Prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.
• Student must write a rationale to support his/her selection of coursework. This written rationale should explain the student’s educational goals and post-graduation goals. It should be type-written (one page) and submitted to an academic advisor along with the selection of courses desired. Each student’s rationale will be unique to his or her specific situation. Some may wish to combine coursework from two majors in Arts and Sciences. Others may be taking specific coursework in order to...

4. Restricted Electives (18 hrs)
A. Select 15 hours from the following:
   - PLA 3240 Alternative Dispute Resolution (3)
   - PLA 3273 Negligence & Tort Litigation (3)
   - PLA 3433 Business Organizations (3)
   - PLA 3572 Travel Law (3)
   - PLA 3586 Condominium & Association Law (3)
   - PLA 3634 Land Use and Ownership (3)
   - PLA 3733 Legal Technology (3)
   - PLA 4530 Elder Law (3)
   - PLA 4614 Real Estate Litigation (3)
   - PLA 4565 Certified Legal Assistant Review (3)
   - PLA 4570 Globalization and the Rule of Law (3)
   - PLA 4608 Probate Litigation (3)
   - PLA 4913 Independent Research (1-3)
   - PLA 4933 Special Topics (3)
   - PLA 4940 Internship (1-6)
   - Or other upper division electives approved in advance by the advisor in criminal justice, political science, law, business, or other fields.

   B. Select 3 hours of communication courses (COM prefix) at the 3000 level or higher. See an advisor for approval.

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• Students must satisfactorily complete a minimum of 120 credit hours.
• A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
• At least 48 of the 120 hours must be in the upper division (3000 and higher).
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/

LIBERAL STUDIES (B.A.)
College of Arts and Sciences
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.
• Student must write a rationale to support his/her selection of coursework. This written rationale should explain the student’s educational goals and post-graduation goals. It should be type-written (one page) and submitted to an academic advisor along with the selection of courses desired. Each student’s rationale will be unique to his or her specific situation. Some may wish to combine coursework from two majors in Arts and Sciences. Others may be taking specific coursework in order to...
Additional Graduation requirements

• Prepare themselves for graduate studies (law, medicine, pharmacy, etc.). Still others may simply prefer to select coursework from a broad variety of subject areas based on areas of academic interest. The approved coursework must be a minimum of 120 credits, 48 of which must be upper level courses (numbered 3000 or higher.) It must include a minimum of 30 credits of upper level courses from the College of Arts and Sciences.

Degree Requirements

1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites none

3. Interdisciplinary Core (12 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Course Requirements will be determined by the signed contract (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements

• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.
• The student is responsible for selecting the courses he/she would like to complete and then submitting that selection with the written rationale to an academic advisor and then forwarded to the appropriate department chairs and deans for approval. This approved proposal serves as the student’s contract with the college for degree certification. Any changes made to the original proposal will need to be approved through the same review process.
• The approved coursework must total 60 credits, 48 of which must be upper level courses. All approved core coursework must be completed with a “C” or better. All programs must include the required 15 credits hours of IDS courses. Of the additional 33 credits of upper level core coursework, a minimum of 15 credits must be courses offered within the College of Arts and Sciences. Course selection should be based on the educational and professional goals stated in the approved rationale.

A minor may be included as part of the individualized program. Transfer credits may be used in the individualized Program; however, a minimum of 30 credits of upper level work from the College of Arts and Science at FGCU must be included.

LONG TERM CARE ADMINISTRATION
(B.S.)
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2007-2008

Admission Requirements

• Submit a State University System (SUS) common application for admission, and satisfaction of all applicable university admission requirements.
• Either a minimum cumulative grade point average of 2.50 or a minimum grade point average of 2.75 for the most recent 30 (+/-) college credit hours.
• Provide verification of TOEFL or IELTS scores that meet minimum university admission requirements.
• Submit a completed College of Health Professions supplemental application, including an essay/statement of goals and a portfolio. Instructions are included in the application packet.
• Applicants may apply for fall admission. Applicants must be admitted to FGCU and supplemental application materials must be received prior to the fall semester by the established deadline.

1. FGCU General Education (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   ACG 2021 Core Concepts of Accounting I (3 hrs)
   ACG 2071 Core Concepts of Accounting II (3 hrs)
   CGS 1100 Introduction to Computers (3 hrs)
   ECO 2023 Principles of Microeconomics (GEP)

3. Interdisciplinary College Core (12 hrs)
   IHS 3101 Shaping Health Care in the 21st Century (3)
   IHS 3203 Management & Leadership in Health Care Organizations (3)
   IHS 4504 Research Methods in Health Care (3)
   IHS 4938 Senior Seminar (3)

4. Required Courses in the Major (45 hrs)
   GEY 3001 Introduction to Gerontology (3)
   GEY 3601 Aging & Human Performance (3)
   GEY 4643 Later Life Transitions (3)
   HSA 3110 Principles of Health Services Administration (3)
   HSA 3150 Health Care Policy in the US (3)
   HSA 4170 Models of Financial Management in Health Care (3)
   HSA 4191 Health Care Information Systems (3)
   HSA 4222 Long Term Care Administration (3)
   HSA 4223 Advanced Long Term Care Administration (3)
   HSA 4251 Food Service Management (3)
   HSA 4340 Human Resource Management in Health Services Organizations (3)
HSA 4502 Risk Management in Health Services (3)
HSA 4811 Practicum I in Long Term Care Administration (3)
HSA 4812 Practicum II in Long Term Care Administration (3)
IHS 3112 Legal & Ethical Principles of Health Care (3)

5. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

7. Additional Electives (15 hrs)
Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 120 HRS

8. Additional Graduation Requirements
• Earn a minimum of 120 semester hours with a cumulative 2.0 GPA on all course work attempted at FGCU.
• Within the 120 total credit hours, a minimum of 48 credit hours at the upper division (courses numbered 3000 and higher).
• Earn a grade of C or above in all courses identified in Sections 3, 4, and 5 above. A grade of C does not satisfy the requirement of a minimum grade of C.
• At least 25% of the course work required for the degree and 30 of the last 60 hours must be earned at FGCU.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy service-learning requirement. See www.fgcu.edu/connect/

9. Transfer Notes
Students who transfer from a Florida public community college or university may substitute another computer course (CGSXXXX) for CGS 1100.

MANAGEMENT (B.S.)
Lutgert College of Business
Department of Management
Web Address: www.fgcu.edu/cob/
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Satisfy Common Prerequisites with a grade of C or higher, and be in good academic standing.
• Attend an orientation session.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select ENC 1101
      2. Select ENC 1102
   B. Mathematics (6 hrs)
      1. Select MAC 2233
      2. Select STA 2023
   C. Humanities (9 hrs)
      1. Select HUM 2510
   D. Social Sciences (6-9 hrs)
      1. Select ECO 2013
      2. Select ECO 2023
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   ACG 2021 Core Concepts of Accounting I (3)

3. Business Common Core (27 hrs)
   BUL 3130 Legal & Ethical Environment of Bus (3)
   FIN 3403 Business Finance (3)
   ISM 3011 Information Systems (3)
   MAN 3025 Contemporary Mgt. Concepts (3)
   MAN 3504 Operations Management (3)
   MAR 3023 Introduction to Marketing (3)
   GEB 4890 Business Strategy (capstone) (3)
   ENC 3250 Professional Writing (3)
   SPC 2023 Public Speaking (3)

4. Required Courses in the Major (12 hrs)
   MAN 3301 Human Resource Management (3)
   MAN 3441 Conflict Management (3)
   MAN 3803 Management of Small Business (3)
   MAN 4120 Leadership & Group Dynamics (3)

5. Restricted Electives/Concentration (15 hrs)
Select one of the following groupings:
A. Restricted Electives
(No concentration noted on transcript)
15 hours of approved upper division (3-4000 level) business electives, with at least 9 hours in management (MAN or SPM) courses. See college advisor for a list of approved courses.

B. Entrepreneurship Concentration
MAN 3103 Foundations of Entrepreneurship (3)
MAN 4802 Business Plan Development (3)
MAN 4804 Entrepreneurial Field Studies (3)

C. Human Resource Management Concentration
Select 15 hours from the following:
   MAN 3320 Employee Staffing (3)
   MAN 3322 Human Resource Info Systems (3)
   MAN 3350 Training & Development (3)
   MAN 3401 Labor Management Relations (3)
   MAN 4330 Management of Compensation (3)
   MAN 4402 Employment Laws & Regulations (3)
   MAN 4625 Global Human Resource Management (3)
Other approved upper division (3-4000 level) business electives. See college advisor for a list of approved courses.

D. Sports Management Concentration
SPM 3004 Principles of Sports Management (3)
SPM 4104 Sports Facility & Event Mgt (3)
SPM 4304 Sports Promotions (3)
MAN 4941 Management Internship (3)
Additional 3 hours of approved upper division (3-4000 level) business electives. See college advisor for a list of approved courses.

6. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)
Additional Graduation Requirements

- Complete a minimum of 120 credit hours, with at least 48 hours at the upper division (3-4000 level).
- Earn a grade of C or higher in the Common Prerequisites, Business Common Core, Required Courses in the Major, and Restricted Electives/Concentration.
- Complete a minimum of 30 credit hours of business courses at FGCU, including 12 credit hours in the major.
- Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/
- Complete the standardized business knowledge assessment exam administered during the last semester in GEB 4890 Business Strategy.

Transfer Notes and Acceptable Substitutes

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:

- ACG 2021: may substitute ACG 1001 & ACG 2011
- CGS 1100: may substitute one of the following CGS X530, X570, X060, X100, X531, X570, X000, MAN X812 or demonstrated competency in CGS 1100
- MAC 2233: may substitute MAC X230
- STA 2023: may substitute QMB X100

Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.

MARINE SCIENCE (B.A.)
College of Arts and Sciences
Department of Marine and Ecological Sciences
Web Address: www.fgcu.edu/cas/marine/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements

- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements

1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
      2. MAC 2311 (4) or STA 2122 (3)
   C. Humanities (9 hrs)
      1. HUM 2510
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. BSC 1011C (4)
      2. CHM 1045C (4)
      3. CHM 1046C (4)

2. Common Prerequisites (variable)
   A. BSC 1011C General Biology w/Lab II (4)(GEP)
   B. CHM 1045C General Chemistry I w/Lab (GEP)
   C. CHM 1046C General Chemistry II w/Lab (4) (GEP)
   D. GLY 1000C Physical & Historical Geology (4)
   E. PHY 2053C College Physics I w/Lab (4)
   F. STA 2023 Statistical Methods (GEP)
   G. BSC 1010C General Biology w/Lab I (GEP) or PHY 2054C College Physics II w/Lab (4) (GEP)
   H. MAC 2311 Calculus I (GEP) or STA 2122 Social Science Statistics (3) (GEP) or an advanced mathematics course

   NOTE: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

3. Interdisciplinary Core (12 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)

4. Required Courses in the Major (10 hrs)
   OCE 3008C Oceanography (3)
   ISC 3120 Scientific Process (3)
   ISC 4910 Senior Project Research (2) and ISC 4911 Senior Project Presentation (2)
   OR
   ISC 4940 Internship in Interdisciplinary Natural Sciences (4)

5. Restricted Electives in the Major (26 hrs)
   Select 9 hours from the following:
   GLY 4700C Coastal & Watershed Geology (3)
   OCB 4633C Marine Ecology (3)
   OCC 4002C Marine Chemistry (3)
   OCP 3002C Physical Oceanography (3)
   Select 2 hours from the following:
   BSC 4933 Current Topics (1)
   EVR 4920 Current Topics (1)
   ISC 4930 Current Topics (1)
   Select 12 hours from the following:
   BCH 3025C Analytical Biochemistry (3)
   EVS 4814 Environmental Toxicology (3)
   GLY 3603C Geobiology (3)
   GLY 4074C Meteorology & Climatology (3)
   GLY 4574C Coastal & Estuarine Sediment Dynamics (3)
   ISC 3145C Global Systems (3)
   PCB 3043C General Ecology (3)
   PCB 3414C Behavioral Ecology (3)
   PCB 3460C Ecosystem Monitoring and Research Methods (3)
   PCB 4303C Limnology/Wetlands (3)
   ZOO 4454C Ichthyology (3)
   Select 3 hours from the following:
   BCH/BSC/EVR/EVS/GLY/MAP/PCB/PHY/ZOO 3-4000 — Upper division elective from any science/math major (3)

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS
Additional Graduation Requirements
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/.
- Thirty of the last sixty credits must be completed at FGCU.
- Completion of the summer course enrollment requirement.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better.
- BSC 1010C may substitute BSC 1010 and BSC 1010L
- BSC 1011C may substitute BSC 1011 and BSC 1011L
- CHM 1045C may substitute CHM 1045 and CHM 1045L
- CHM 1046C may substitute CHM 1046 and CHM 1046L
- PHY 2053C may substitute PHY 2053 and PHY 2053L
- PHY 2054C may substitute PHY 2054 and PHY 2054L

MARKETING (B.S.)
Lutgert College of Business
Department of Marketing and Economics
Web Address: www.fgcu.edu/cob/
Catalog Year 2007-2008

Admission Requirements
- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Satisfy all Common Prerequisites with a grade of C or higher, and be in good academic standing.
- Attend an orientation session.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. Select ENC 1101
      2. Select ENC 1102
   B. Mathematics (6 hrs)
      1. Select STA 2023
      2. Select MAC 2233
   C. Humanities (9 hrs)
      1. Select HUM 2510
   D. Social Sciences (6-9 hrs)
      1. Select ECO 2013
      2. Select ECO 2023
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   ACG 2021 Core Concepts of Accounting I (3)
   ACG 2071 Core Concepts of Accounting II (3)
   CGS 1100 Introduction to Computers (3)
   ECO 2013 Principles of Macro Economics (GEP)
   ECO 2023 Principles of Micro Economics (GEP)
   MAC 2233 Elementary Calculus (GEP)
   STA 2023 Statistical Methods (GEP)

3. Business Common Core (27 hrs)
   BUL 3130 Legal & Ethical Environment of Bus (3)
   FIN 3403 Business Finance (3)
   ISM 3011 Information Systems (3)
   MAN 3025 Contemporary Mgt. Concepts (3)
   MAN 3504 Operations Management (3)
   MAR 3023 Introduction to Marketing (3)
   GEB 4890 Business Strategy (capstone) (3)
   ENC 3250 Professional Writing (3)
   SPC 2023 Public Speaking (3)

4. Required Courses in the Major (9 hrs)
   MAR 3503 Consumer Behavior (3)
   MAR 3613 Marketing Research (3)
   MAR 4804 Marketing Strategy (3)

5. Restricted Electives (18 hrs)
   Select 18 hours of approved upper division (3-4000 level) business electives, with at least 12 hours in marketing (MAR) or advertising (ADV) courses. See college advisor for a list of approved courses.

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- Complete a minimum of 120 credit hours, with at least 48 credit hours at the upper division (3-4000 level).
- Earn a grade of C or higher in the Common Prerequisites, Business Common Core, Required Courses in the Major, and Restricted Electives.
- Complete a minimum of 30 credit hours of business courses at FGCU, including 12 credit hours in the major.
- Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/.
- Complete the standardized business knowledge assessment exam administered during the last semester in GEB 4890 Business Strategy.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher.
- ACG 2021: may substitute ACG 1001 & ACG 2011
- CGS 1100: may substitute one of the following CGS X530, X570, X060, X100, X531, X570, X000, MAN X812 or demonstrated competency in CGS 1100
- MAC 2233: may substitute MAC X230
- STA 2023: may substitute QMB X100

Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student’s degree program.

MATHEMATICS (B.A.)
College of Arts and Sciences
Department of Physical Sciences and Math
Web Address: www.fgcu.edu/cas/math/
Phone: 239-590-7196
Catalog Year 2007-2008
Admission Requirements

• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101
      2. ENC 1102
   B. Mathematics (6 hrs)
      1. STA 2037 or STA 2023 (3)
      2. MAC 2311 (4)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. PHY 2048C (4) recommended
      2. PHY 2049C (4) recommended

NOTE: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

2. Common Prerequisites (variable)
   COP 1500 Intro to Computer Science (3)
   MAC 2311 Calculus I (4) (GEP)
   MAC 2312 Calculus II (4)
   MAC 2313 Calculus III (4)
   PHY 2048C General Physics with Lab I (4) (GEP)
   PHY 2049C General Physics with Lab II (4) (GEP)

3. Interdisciplinary Core (12 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)

4. Required Courses in the Major (28 hrs)
   MAA 4226 Analysis I (3)
   MAP 2302 Differential Equations (3)
   MAP 3161 Math for Science and Engineering (4)
   MAP 3162 Probability and Statistics (4)
   MAP 3163 Operations Research I (3)
   MAS 3105 Linear Algebra (3)
   MAS 4301 Abstract Algebra I (3)
   MAT 4937 Senior Seminar (2)
   MTH 2191 Mathematical Foundations (3)

5. Restricted Electives (9 hrs)
   Select 3 hrs of the following (depth requirement): *
   MAA 4227 Analysis II (3)
   MAP 4231 Operations Research II (3)
   MAP 4314 Dynamical Systems (3)
   MAS 4106 Matrix Analysis (3)
   MAS 4302 Abstract Algebra II (3)
   STA 4234 Introduction to Regression Analysis (3)
   Select 6 hrs from the following prefixes numbered 3000 or above: MAA, MAD, MAP, MAS, MAT, MTH, or STA *

   *A course used to satisfy the depth requirement may not also be used to satisfy this restricted elective requirement.

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)
   TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements

• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes

The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better.

• COP 1500: may substitute any (COP) Computer Language (3) Pascal, FORTRAN, C, C+, or C++
• PHY 2048C and PHY 2049C sequence: may substitute PHY 2048 and PHY 2048L and PHY 2049 and PHY 2049L; CHM 1045C and CHM 1046C; BSC 1010C and BSC 1011C; or two semesters (8 hrs) of laboratory-based science courses for science majors with BSC, CHM, or PHY prefixes.

MATHEMATICS (B.S.)
College of Arts and Sciences
Division of Chemistry and Math

Admission Requirements

• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
      1. STA 2037 or STA 2023 (3)
      2. Select MAC 2312
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   COP 1500 Intro to Computer Science (3)
   MAC 2311 Calculus I (4) (GEP)
   MAC 2312 Calculus II (4)
   MAC 2313 Calculus III (4)
PHY 2048C  General Physics with Lab I (4) (GEP)
PHY 2049C  General Physics with Lab II (4) (GEP)

3. Required Courses in the Major  (39 hrs)
MHP 2191  Mathematical Foundations (3)
MAP 2302  Differential Equations (3)
MAS 4730  Computational Technology (2)
MAS 3105  Linear Algebra (3)
MAP 3161  Math for Science & Engineering (4)
MAP 3162  Probability & Statistics (4)
MAP 3163  Operations Research (3)
MAA 4226  Analysis I (3)
MAA 4227  Analysis II (3)
MAS 4301  Abstract Algebra I (3)
MAS 4302  Abstract Algebra II (3)
MHP 4400  Mathematics & Society (3)
MAT 4937  Senior Seminar (2)

4. Restricted Electives  (6 hrs)
Select 6 hrs from the following prefixes numbered 3000 or above: MAA, MAD, MAP, MAS, MAT, MHP, MTG, or STA

5. University Requirements  (3 hrs)
IDS 3920  University Colloquium (3)

6. Additional Electives  (variable)
TOTAL SEMESTER HOURS REQUIRED  120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• At least 48 of the 120 hours at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, required courses in the major, and restricted electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better.
• COP 1500: may substitute any (COP) Computer Language (3) Pascal, FORTRAN, C, C++, or C++
• PHY 2048C and PHY 2049C sequence: may substitute PHY 2048 and PHY 2048L and PHY 2049 and PHY 2049L; CHM 1045C and CHM 1046C; BSC 1010C and BSC 1011C; or two semesters (8 hrs) of laboratory-based science courses for science majors with BSC, CHM, or PHY prefixes.

MUSIC (B.A.)
College of Arts and Sciences
Bower School of Music
Web Address: www.fgcu.edu/cas/bsm
Phone: 239-590-7196
Catalog year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Submit an application for admission to the music program and determine a concentration.
• Complete common prerequisites with a grade of C or better: MUT 1111, Music Theory I, MUT 1241, Sight Singing and Ear Training I; MVK 1011, Class Piano I or equivalent (piano placement in Class Piano II or piano proficiency); one semester of Freshman Applied Music (MVx) and one semester of the appropriate ensemble MUN xxxx.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements

1. FGCU General Education Program (GEP)  (36 hrs)
A. Communication (6 hrs)
1. ENC 1101 (3)
2. ENC 1102 (3)
B. Mathematics (6 hrs)
1. STA 2023 (3)
C. Humanities (9 hrs)
1. HUM 2510 (3)
2. MUL 2110 (3) recommended
D. Social Sciences (6-9 hrs)
E. Natural Sciences (6-9 hrs)

2. Common Prerequisites  (variable)
MUN xxxx  Ensemble (1 semester hour for four semesters) (4)
MUT 1111  Music Theory I (3)*
MUT 1112  Music Theory II (3)*
MUT 2116  Music Theory III (3)*
MUT 2117  Music Theory IV (3)*
MUT 1241  Sight Singing and Ear Training I (1)**
MUT 1242  Sight Singing and Ear Training II (1)**
MUT 2246  Sight Singing and Ear Training III (1)**
MUT 2247  Sight Singing and Ear Training IV (1)**
MVx xx1x  Applied Music (2-4)
MVx xx2x  Applied Music (2-4)
Secondary Piano-Proficiency by Examination***

3. Interdisciplinary Core  (9 hrs)
IDS 3300  Foundations of Civic Engagement (3)
IDS 3301  Issues in Culture and Society (3)
IDS 3303  Issues in Science and Technology (3)

4. Required Courses in the Major  (24 hrs)
MUG 3xxx  Conducting (2)
MUH 3xxx  History of Western Music I (3)
MUH 3xxx  History of Western Music II (3)
MUN 3xxx  Ensemble (1 semester hour for three semesters) (3)
MUS 1010  Recital Attendance, Six Semesters (0)
MUS 1360  Introduction to Music Technology (1)
MUT 3xxx  Form and Analysis (2)
MUT 4xxx  Orchestration (2)
MVx 3xxx  Junior Applied Music (4)
MVx 4xxx  Senior Applied Music (2)
MUS 4920  Senior Seminar in Music (2)

5. Concentration Requirements  (19 hrs)
Select one of the following concentrations and complete the requirements listed:
A. Performance/Teaching Concentration (Instrumental track)
EDF 2005  Introduction to Education (3)
MUE 3xxx  Teaching Music in the Elementary School (3)
MUE 3xxx  Percussion Instrument Methods and Materials (2)
MUE 3xxx  String Instrument Methods and Materials (2)
MUE 3xxx  Brass Instrument Methods and Materials (2)
MUE 3xxx  Woodwind Instrument Methods and Materials (2)
MUE 4xxx  Teaching Instrumental Music in the Secondary School (3)
MUE 4xxx  Inst. Literature and Conducting Techniques (2)

B. Performance/Teaching Concentration (Choral track)
EDF 2005  Introduction to Education (3)
MUE 3xxx  Teaching Music in the Elementary School (3)
MUE 4xxx  Teaching Choral Music in the Secondary School (3)
MUE 4xxx  Choral Literature and Conducting Techniques (2)
MUS 1201  Diction I (1)
MUS 2202  Diction II (1)
MUx 3xxx  Vocal Pedagogy (2)

Choose 4 hours of the following:
MUE 3xxx  Percussion Instrument Methods and Materials (2)
MUE 3xxx  String Instrument Methods and Materials (2)
MUE 3xxx  Brass Instrument Methods and Materials (2)
MUE 3xxx  Woodwind Instrument Methods and Materials (2)

C. Performance/Teaching Concentration (Piano Pedagogy track)
MUx 3xxx  Piano Pedagogy I (3)
MUx 3xxx  Piano Pedagogy II (3)
MUx 3xxx  Accompanying Practicum (2)
MUL 4xxx  Piano Literature I (3)
MUL 4xxx  Piano Literature II (3)
MUx 3xxx  Observation of Studio Teaching (2)
MUx 4xxx  Internship in Studio Teaching (3)

D. Performance Concentration (Any applied emphasis)
MVx 3xxx  Junior Applied Music (in addition to core) (2)
MVx 3xxx  Junior Recital (1)
MVx 4xxx  Senior Applied Music (in addition to core) (4)
MVx 4xxx  Senior Recital (1)

Upper Division Music Electives: (6)*
Upper Division Free Electives: (5)

*It is strongly suggested that music electives include the appropriate methods course related to the student's applied music emphasis.

6. University Requirements (3 hrs)
IDS 3920  University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Completion of the summer course enrollment requirement.
• Pass the Piano Proficiency Exam (a common prerequisite which is on a Pass/Fail basis)
• Present a junior or senior recital in the applied emphasis, with a passing grade by a faculty committee.
• Of the last 60 hours, a minimum of 32 hours must be at FGCU, including 12 credit hours in the major.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better
• MUT x111: may substitute MUT x121, x122, x126, and x127
• MUT x112: may substitute MUT x121, x122, x126, and x127
• MUT x116: may substitute MUT x121, x122, x126, and x127
• MUT x117: may substitute MUT x121, x122, x126, and x127
• MUT x241: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
• MUT x242: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
• MUT x246: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
• MUT x247: may substitute MUT x221, x222, x226 & x227, OR x261, x262, x266, x267, OR x271, x272, x276, and x277
• Secondary Piano-Proficiency by Examination: may substitute MVK x111, x112, x121, & x122, OR x111r, x111r, x121r, x121r, x122, and x221

NURSING* (B.S.N.)
College of Health Professions
Division of Nursing
Web Address: www.fgcu.edu/chp/nursing/bsn.html
Calendar Year 2007-2008

The baccalaureate nursing program is approved by the Florida Board of Nursing (4052 Bald Cypress Way, Bin #CO2, Tallahassee, FL 32399-3257, telephone number 850-488-0595) and accredited by the Commission on Collegiate Nursing Education (CCNE) (One Dupont Circle, NW, Washington, DC 20036-1120, telephone number 202-887-6792).

*Limited Access
A competitive admissions process is conducted for this major. All applicants who meet the minimum admission requirements listed below may not be admitted into the program.
• Students are admitted to the BSN-First Time in Nursing (BSN-FTIN) program for fall term only. Application materials must be postmarked by February 1.
• Students are admitted to the RN-BSN Accelerated Pathway in fall and spring. Application materials must be
postmarked by June 1 for fall admission and November 1 for spring admission.

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Submit a completed School of Nursing supplemental application form.
• Earn a cumulative grade point average of 3.00 on a 4.0 scale for BSN-FTIN program and 2.75 for the RN-BSN Accelerated Pathway.
• Complete common prerequisites for nursing, with a grade of C or higher. Students who have not completed all required coursework at the time of application must include, with the application packet, a written plan for completion of the course(s). A final transcript or original grade report documenting successful completion of the course(s) must be submitted to the School of Nursing prior to the beginning of the fall semester. (BSN-FTIN only)
• Complete two science common prerequisites prior to the application deadline.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• RN and LPN applicants must provide evidence of licensure as a RN or LPN in the State of Florida by first class day of semester in which admitted.
• Applicants who have attended, but not completed, another registered nursing program (AS, diploma, or BSN) must provide a letter of support from the Dean of the School of Nursing (or designee) that addresses the following: potential for success in a BSN program, safety in providing nursing care, interpersonal communication skills, and other information the director deems important. BSN-FTIN applicants from an accredited baccalaureate BSN program must also submit course syllabi and topical outlines for all nursing courses.
• Submit a resume. (RN-BSN Accelerated Pathway only)

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   1. Select STA 2023
   B. Mathematics (6 hrs)
   1. Select STA 2023
   2. Select SYG 2000
   C. Humanities (9 hrs)
   1. Select PSY 2012
   2. Select SYG 2000
   D. Social Sciences (6-9 hrs)
   1. Select PSY 2012
   2. Select SYG 2000
   E. Natural Sciences (6-9 hrs)
   1. Select BSC 1085C
   2. Select CHM 1045C

2. Common Prerequisites (variable)
   BSC 1085C Human Anatomy & Physiology I w/ Lab (4) (GEP)
   BSC 1086C Human Anatomy & Physiology II w/ Lab (4)
   CHM 1045C General Chemistry w/ Lab (3) (GEP)
   DEP 2004 Principles of Development (3)
   HSC 2577 Nutrition Human Health & Wellness (3)
   MCB 2010C Microbiology w/ Lab (4)
   PSY 2012 General Psychology (3) (GEP)
   STA 2023 Statistical Methods (3) (GEP)
   SYG 2000 Introduction to Sociology (3) (GEP)

3. Interdisciplinary College Core (12 hrs)
   IHS 3101 Shaping Health Care in the 21st Century (3) (BSN-FTIN only)
   IHS 3203* Management and Leadership in Health Care Organizations (3)
   IHS 4504 Research Methods in Health Care (3)

4. Requirements in the Nursing Major (variable)
   Select one grouping:
   A. BSN-FTIN program (49 hrs)
      NUR 3065C Health Assessment: Basis for Professional Practice (3)
      NUR 3105C Caring Scholar Clinician (5)
      NUR 3125 Physiological Responses to Alterations in Health (3)
      NUR 3145 Pharmacological, Herbal, & Nutritional Therapies (3)
      NUR 3465C Population Based Care: Special Populations (6)
      NUR 3525C Population Based Care: Mental Health Nursing (3)
      NUR 3935 Nursing Elective (3)
      NUR 4636C Community Partnered Care (5)
      NUR 4756C Population Based Care: Vulnerable Populations (5)
      NUR 4767C Crisis Based Care (5)
      NUR 4826C Issues Based Care (5)
      NUR 4948L Senior Nursing Practicum (3)
   B. RN-BSN Accelerated Pathway (22 hrs)
      NUR 3065C* Health Assessment: Basis for Professional Practice (3)
      NUR 3145** Pharmacological, Herbal, and Nutritional Therapies (3)
      NUR 3935 Nursing-Elective (3)
      NUR 4041* Caring Scholar Clinician Role (3)
      NUR 4043C Issues and Leadership (5)
      NUR 4636C Community Partnered Care (5)
   + Credit hours may be earned through validation examinations.
   *With advisor approval, RN-BSN students may enroll for up to 9 hours in non-degree seeking status.

Associate Degree in Nursing graduates from Florida Public Community Colleges transfer 30 credit hours from their ASN program into the FGCU Nursing program.

5. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
   Additional electives may be required to reach a minimum of 124 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 124 HRS

Additional Graduation Requirements
• Students must satisfactorily complete a minimum of 124 credit hours, including 64 credit hours of upper division coursework.
• Completion of all required nursing (NUR) and College of Health Professions Interdisciplinary Core (IHS) courses with a minimum grade of C (61 credits).
• A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
• Satisfactory completion of NCLEX-RN Success Program for all except licensed RNs.
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common
prerequisites and must be completed with a grade of C or better
BSC 1085C: May substitute any human anatomy & physiology I w/Lab course or human anatomy w/Lab
BSC 1086C: May substitute any human anatomy & physiology II w/Lab course or human physiology w/Lab
CHM 1045C: May substitute any Comprehensive College General Chemistry w/Lab such as CHM 1030 or CHM 1032, but NOT lower level principles such as CHM 1025
DEP 2004: May substitute HUS 3020 or any human growth & development across life span course
HSC 2577: May substitute any human nutrition course or NUR 1192
MCB 2010C: May substitute MCB 3020C or any microbiology w/Lab course
PSY 2012: May substitute any general psychology course
STA 2023: May substitute STA 2037 or any statistics course
SYG 2000: May substitute any introduction to sociology course

PHILOSOPHY (B.A.)
College of Arts and Sciences
Department of Communication and Philosophy
Web Address: www.fgcu.edu/cas/departments/CP.html
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
      2. PHH 2000 (3) recommended
      3. REL 2306 (3) recommended
   D. Social Sciences (6-9 hrs)
      1. MAN 2062 (recommended)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   Students are encouraged to take several courses with the prerequisites of PHH, PHI, PHM, PHP, or REL as part of their lower division requirements or electives.

3. Interdisciplinary Core (9 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)

4. Required Courses in the Major (30 hrs)
   Complete the following 12 hours:
   PHH 3050 Philosophy: History Texts Methods I (3)
   PHH 3050L Philosophy: History Texts Methods I Lab (1)
   PHH 4051 Philosophy: History Texts Methods II (3)
   PHH 4051L Philosophy: History Texts Methods II Lab (1)
   PHI 4938 Capstone Seminar in Philosophy (3)
   PHI 4938L Capstone Seminar in Philosophy Lab (1)

Select 9 hours from the following:
PHH 3103 Anc Greece: Reason, Justice & Heroism (3)
PHH 3501 Marx, Freud and Other Heretics (3)
PHH 3931 Special Topics History of Philosophy (3)
   May be repeated once
PHH 4450 Hume, Kant & Rousseau (3)
PHP 3786 Existentialism (3)
PHI 4905 Directed Independent Study (3)
PHP 4930 Major Figures in Philosophy (3)

Select 9 hours from the following:
PHH 3801 Self in Eastern Philosophy (3)
PHI 3223 Philos. Of Human Communication (3)
PHI 3106 Principles of Rhetoric and Arg. (3)
PHI 3670 Ethics in Theory and Practice (3)
PHI 3720 Faith and Reason (3)
PHM 3351 Philosophy of Human Rights (3)
PHI 3930 Special Topics in Philosophy (3)
PHI 3941 Philosophy Internship (1-3)
PHI 4905 Directed Independent Study (3)

5. Restricted Electives in the Major (3 hrs)
   Select 3 hours from the following:
   PHH 2000 Introduction to Philosophy (3) (GEP)
   EVR 3020 Environmental Philosophies (3)
   LIT 4213 Literary Theory (3)
   MAN 2062 Ethical Issues (3) (GEP)
   POT 3003 Political Theories (3)
   Or any additional upper division course with the prefixes PHI, PHH, PHP, or PHM that have not been used to fulfill other requirements.

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
- Thirty of the last sixty credits must be completed at FGCU.
- Completion of the summer course enrollment requirement.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.
POLITICAL SCIENCE (B.A.)
College of Professional Studies
Division of Public Affairs
Web address: http://cps.fgcu.edu/pa/pos.html
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Satisfy Common Prerequisites with a grade of C or better.
• The Public Administration Track has additional admission requirements (see below).

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   Select from INR 2005, INR 2015, POS 2041, or POS 2112
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (6 hrs)
   Any two introductory political science courses with the prefixes of POS, INR, or CPO (6 hours). The following are suggested FGCU courses:
   INR 2005 Peace Conflict Public Sphere (3)
   INR 2015 Global Studies (3)
   POS 2041 American National Government (3)
   POS 2112 State & Local Government & Politics (3)

3. Core Courses in the Major (18 hrs)
   INR 3002 Theories of International Relations (3)
   POS 3043 American Political Institutions (3)
   POS 4734 Research Methods and Analysis in Political Science (3)
   POS 4936 Senior Seminar in Political Science (3)
   POT 3001 Politics, Ethics, and Political Theory (3)
   PUP 4004 Policymaking and Administration (3)

4. Major Electives (12 hrs)
   Select two (6 hrs) of the following:
   PAD 3810 State & Local Public Administration (3)
   POS 3250 Political Communication (3)
   POS 3270 Political Campaigns and Elections (3)
   POS 3411 The Modern Presidency (3)
   POS 3424 Legislative Process (3)
   POS 3691 Law, Politics, and Society (3)
   POS 4064 Intergovernmental Relations (3)
   POS 4072 Women in Politics & Government (3)
   POS 4152 Urban Politics and Problems (3)
   POS 4614 Constitutional Law (3)
   POS 4931 Special Topics in Political Science (3)
   POT 3003 Political Theorists (3)
   PUP 3040 State & Local Public Policy (3)
   PUP 4931 Special Topics in Public Policy (3)

   Select two (6 hrs) of the following:
   CPO 3002 Comparative Politics (3)
   CPO 3303 Latin American Politics and Society (3)
   CPO 4057 Politics and Violence (3)
   CPO 4076 Comparative Propaganda (3)
   CPO 4930 Special Topics in Comparative Politics (3)
   INR 4075 International Human Rights (3)
   INR 4303 American Foreign Policy (3)
   INR 4703 International Political Economy (3)
   INR 4926 Model UN Practicum (3)
   INR 4930 Special Topics in International Relations (3)
   POT 3075 Culture and Politics (3)
   POT 4074 Theories of Power (3)
   PUP 4013 Comparative Social Policy (3)
   PUP 4206 International Environmental Policy (3)

5. Tracks (variable hours)
   (Note: Minors are listed on the transcript. Tracks are not listed on the transcript.) Select one of the following tracks:

A. Political Science Track
   Complete six (6) additional hours of Political Science courses (prefixes CPO, INR, PAD, POS, POT, or PUP) at the 3000-4000 level (or above for individuals previously enrolled in the Public Administration Concentration).

B. Interdisciplinary Studies Track
   Complete any one of the following minors from the College of Arts and Sciences or the College of Business: Anthropology, Economics, Global Studies, History, Philosophy, Sociology, or Spanish. (Note: courses with CPO, INR, or PUP prefixes used to satisfy the B.A. in Political Science degree requirements cannot also be used to satisfy the Global Studies Minor requirements.)

C. Government and Managerial Innovation Track
   Complete the College of Business minor in Management.

D. Government and Information Systems Track
   Complete the College of Business minor in Computer Information Systems.

E. Public Administration Track
   This track is limited to individuals who have satisfied following requirements and are accepted into the Accelerated MPA program:
   • Complete all General Education requirements.
   • Declare a Political Science major.
   • Junior standing with a minimum of 60 credit hours of completed undergraduate coursework.
   • Complete at least 9 hours of 3000-4000 level Political Science courses (prefixes CPO, INR, PAD, POS, POT, or PUP).
   • A minimum 3.5 GPA on a 4.00 scale in prior Political Science and/or Public Administration courses and a minimum 3.0 overall GPA at the time of application.
   • Submit an Accelerated MPA program supplemental application to the Division of Public Affairs by March 1 prior to the academic year in which the student wishes to enroll in MPA courses. Supplemental application materials include the following: (a) Accelerated MPA application form, (b) cover letter and statement of purpose; (c) three letters of recommendation, (d) official transcripts from all colleges and universities previously attended, and (e) an official score report for the Graduate Record Exam (GRE) or the Miller Analogy Test (MAT). The minimum acceptable score for the GRE is 1000 (combined quantitative and verbal sections) and the minimum score for the MAT is 45.

   Students in the Public Administration Track complete the following MPA courses, which are also applied toward fulfillment of the baccalaureate degree:
   Senior Year-Fall Semester (required)
   PAD 6060 Introduction to Public Administration (3)
   PAD 6385 Public Policy (3)

   Senior Year-Spring Semester (required)
   PAD 6101 Organizational Theory & Behavior (3)
   PAD 6708 Research Applications in Public Administration (3)
Senior Year-Summer Semester (optional, but strongly recommended in order to complete both the BA and MPA degrees within a five-year period)

PAD 5933 Proposal Writing & Grant Administration (3)
PAD 6940 Internship (3)

6. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- Students must satisfactorily complete a minimum of 120 credit hours.
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements
- Satisfy Service Learning requirement. See www.fgcu.edu/connect/

Progression Requirements for the Accelerated MPA Program and the Public Administration Concentration
- Earn a grade of B or higher in each course taken as part of the Accelerated MPA sequence (5000-6000 level PAD courses taken during the senior year).
- Maintain an overall GPA of at least 3.0.
If a student fails to satisfy the above progression standards, he or she will be dismissed from the Accelerated MPA program and will revert to conventional undergraduate status with a Political Science Concentration. Subsequent re-entry into the MPA program will require a standard graduate application and admission. See an academic advisor for additional information.

PSYCHOLOGY (B.A.)
College of Arts and Sciences
Department of Social and Behavioral Sciences
Web Address: www.fgcu.edu/cas/psychology/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
- Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
- Complete common prerequisites with a grade of C or better.
- Attend an orientation session.
- Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
      2. STA 2122 (2) recommended
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
   D. Social Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   A. BSC xxxx Any general biology (3) (GEP)
   B. PSY 2012 General Psychology (3) (GEP)
   C. PSY xxxx Any other lower level Psychology course within the Psychology inventory with prefix of CLP, DEP, EXP, INP, PPE, PSB, PSY, or SOP.
   D. STA 2023 Statistical Methods (3) (GEP)

3. Interdisciplinary Core (9 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)

4. Required Courses in the Major (21 hrs)
   CLP 4143 Abnormal Psychology (3)
   DEP 4054 Developmental Psychology (3)
   PSB 4002 Physiological Psychology (3)
   PSY 3017 Experimental Psychology (3)
   PSY 3213 Research Methods in Psychology (3)
   PSY 4990 Senior Seminar in Psychology (3)
   STA 2122 Social Science Statistics (3)

5. Restricted Electives in the Major (15 hrs)
   A. Select 3 hours from the following:
      EXP 4404 Psychology of Learning (3)
      EXP 4604 Human Memory and Cognition (3)
   B. Select 3 hours from the following:
      INP 4004 Intro to Industrial/Org Psychology (3)
      SOP 4004 Social Psychology (3)
   C. Select 9 hours from the following:
      CLP 4302 Intro to Clinical Psychology (3)
      CLP 4314 Health Psychology (3)
      CLP 4414 Behavior Modification (3)
      CLP 4433 Psy Tests & Measurements (3)
      DEP 4104 Advanced Child Psychology (3)
      DEP 4404 Psychology of Adulthood & Aging (3)
      EXP 3202 Sensation and Perception (3)
      EXP 4404 Psychology of Learning (3)*
      EXP 4604 Human Memory and Cognition (3)*
      INP 4004 Intro to Industrial/Org Psychology (3)*
      PPE 4003 Psychology of Personality (3)
      PSY 4604 History and Systems in Psychology (3)
      PSY 4911 Internship in Psych (3)
      PSY 4913 Directed Study (3)
      PSY 4930 Special Topics (3)
      SOP 4004 Social Psychology (3)*
      SOP 4714C Environmental Psychology (3)
      *Courses taken to fulfill Restricted Electives in 5 A and 5 B may not also be used to fulfill the nine hours for 5C.

6. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
- A minimum of 120 credit hours.
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites,
interdisciplinary core, required courses in the major, and restricted electives in the major.

- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
- Thirty of the last sixty credits must be completed at FGCU.
- Completion of the summer course enrollment requirement.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better
BSC 1010C: may substitute any level General Biology (x000-x099) or BSC x200-209 or ZOO x010; or BSC 1010 and BSC 1010L.
STA 2023: may substitute any level statistics course (x000-099)

RESORT & HOSPITALITY MANAGEMENT (B.S.)

- Event Management Concentration
- Spa Management Concentration

College of Professional Studies
Division of Resort & Hospitality Management
Web address: http://cps.fgcu.edu/resort/index.html
Catalog Year 2007-2008

Admission Requirements
Submit a State University System (SUS) common application for admission and satisfy all applicable university admission requirements.

Degree Requirements

1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites
   HFT 1000 Introduction to Hospitality/Tourism (3)

3. Required Courses in the Major (42 hrs)
   HFT 3005 Introduction to Resort, Hospitality & Tourism Mgmt (3)
   HFT 3006 Mgmt of Resort & Hospitality Human Resources (3)
   HFT 3407 Resort & Hospitality Mgmt. Accounting (3)
   HFT 3573 Resort & Hospitality Mgmt. Marketing (3)
   HFT 3670 Resort & Hospitality Management Law, Legal Issues & Risk Management (3)
   HFT 3806 Management of Food & Beverage Operations (3)
   HFT 4275 Resort Development & Management (3)
   HFT 4342 Resort & Recreation Planning, Programming, & Facilities Design (3)
   HFT 4408 Resort & Hospitality Mgmt Budgeting & Finance (3)
   HFT 4295 Resort & Hospitality Management Senior Seminar (3)

Select one of the following:
   HFT 3443 Hospitality Information Technology (3)
   HFT 3XXX RHM Lodging Operations & Mgmt. (3)

Plus 9 credits from the following:
   HFT 4945 Internship in Resort & Hospitality Mgmt (1-9)
   Or
   HFT 4944 Field Experience (3)
   HFT 4945 Internship in Resort & Hospitality Mgmt (6)

4. Restricted Coursework/Concentration (15 hrs)
Select one of the following groupings:

   A. No concentration noted on transcript
      Select 6 hours from the following:
      HFT 3270 Introduction to Club & Spa Management (3)
      HFT 3383 Adv. Golf Merchandising Oper. (2)
      HFT 3471 Event Operations & Financial Mgmt. (3)
      HFT 3572 Resort & Hospitality Management Sales, Advertising and Public Relations (3)
      HFT 3754 Conventions and Meetings Management (3)
      HFT 3757 Principles of Event Management (3)
      HFT 3802 Catering and Special Event Operations (3)
      HFT 3XXX Spa Client Wellness and Healthy Cuisines (3)
      HFT 3XXX Spa Industry Customer Service (3)
      HFT 3XXX Spa Operations and Management (3)
      HFT 3XXX Spa Services and Treatments (3)
      HFT 4010 Strategic Issues in Resort Management (3)
      HFT 4273 Resort Timeshare, Condominium Vacation Interval Ownership (3)
      HFT 4286 Resort & Hospitality Management Professional Communication and Presentations (3)
      HFT 4380 Golf Course Ownership (3)
      HFT 4381 Golf Executive Management (3)
      HFT 4912 Resort & Hospitality Mgmt Direct Individual Study (3)
      HFT 4955 Resort & Hospitality Mgmt Study Tour Abroad (1-9)

   B. Event Management Concentration
      Required courses:
      HFT 3471 Event Operations and Financial Management (3)
      HFT 3754 Conventions and Meetings Management (3)
      HFT 3757 Principles of Event Management (3)
      HFT 3802 Catering and Special Event Operations (3)
      HFT 3791 Event Management Senior Project (3)

   C. Spa Management Concentration
      Required courses:
      HFT 3270 Intro. to Club and Spa Management (3)
      HFT 3XXX Spa Operations and Management (3)
      HFT 3XXX Spa Industry Customer Experience (3)
      HFT 3XXX Spa Services and Treatments (3)
      HFT 3XXX Spa Client Wellness and Healthy Cuisines (3)

   D. Strategic Issues in Resort Management Concentration
      Required courses:
      HFT 3270 Intro. to Club and Spa Management (3)
      HFT 3XXX Spa Operations and Management (3)
      HFT 3XXX Spa Industry Customer Experience (3)
      HFT 3XXX Spa Services and Treatments (3)
      HFT 3XXX Spa Client Wellness and Healthy Cuisines (3)

5. University Requirements (3)
   IDS 3920 University Colloquium (3)

6. Additional Electives (Variable)
## RESORT & HOSPITALITY MANAGEMENT (B.S.)

### Professional Golf Management Concentration*

**College of Professional Studies**  
**Division of Resort & Hospitality Management**  
Web address: [http://cps.fgcu.edu/resort/index.html](http://cps.fgcu.edu/resort/index.html)  
Catalog Year 2006-2007

*Limited Access

The Professional Golf Management (PGM) Concentration is limited access. Qualified students are admitted for the fall semester on a space-available basis. Admission decisions are based on materials and coursework completed at the time of application. For priority consideration, all application materials must be received by February 15th of the calendar year in which entry is sought.

**Admission Requirements**

- Submit a State University System (SUS) common application for admission and satisfy all applicable university admission requirements.
- Complete Common Prerequisites with a grade of C or better.
- Provide proof of a golf handicap of 12 or lower, verified by one of the following: (a) USGA handicap card, (b) letter from a PGA Golf Professional, (c) letter of playing ability from a high school golf coach.

**Degree Requirements**

1. **FGCU General Education Program (GEP)**  
   (36 hrs)  
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. **Common Prerequisites**
   - HFT 1000 Introduction to Hospitality/Tourism (3)

3. **Required Courses in the Major**  
   (18 hrs)  
   - HFT 3005 Intro. Resort, Hospitality & Tourism Mgmt (3)
   - HFT 3407 Resort & Hospitality Mgmt. Accounting (3)
   - HFT 3573 Resort & Hospitality Mgmt. Marketing (3)
   - HFT 3670 Resort & Hospitality Management Law, Legal Issues & Risk Management (3)
   - HFT 3806 Mgmt. of Food & Beverage Operations (3)
   - HFT 4342 Resort & Recreation Planning, Programming, Facilities Design (3)

4. **PGM Concentration**  
   (39 hrs)  
   - Required courses:
     - HFT 1382 Introduction to Golf Management (3)
     - HFT 2352 Player Development (1)
     - HFT 3352 Golf Facility Operations (2)
     - HFT 3383 Adv. Golf Merchandising Oper. (2)
     - HFT 4934 Professional Golf Management Senior Seminar (3)
     - HFT 4945 Internship (9 credits)
     - ORH 2220C Turfgrass Management Operations (3)
     - PEL 3120 PGA Prep 1 (1)
     - PEL 3125 PGA Prep 2 (1)
     - PEL 3128 PGA Prep 4 (1)
     - PEL 3127 PGA Prep 3 (1)
     - PEL 4126 Golf Practicum (3)
     - PEL 4129 PGA Prep 5 (1)
     - PEO 3124 Dir of Golf Instructional Oper. (2)
   - Select 6 hours from the following:
     - HFT 4380 Golf Course Ownership (3)
     - HFT 4381 Golf Exec. Mgmt (3)
     - HFT 3270 Introduction to Club & Spa Management (3)
     - HFT 3572 Advertising & Public Relations (3)
     - HFT 4275 Resort Management & Development (3)

5. **University Requirements**  
   (3 hrs)
   - IDS 3920 University Colloquium (3)

6. **Additional Electives**  
   (variable)

**TOTAL SEMESTER HOURS REQUIRED**  
120 HRS

**Additional Graduation Requirements**

- Students must satisfactorily complete a minimum of 120 credit hours.
- A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
- At least 48 of the 120 hours must be in the upper division (3000 and higher).
- Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
- Satisfy Service Learning requirement. See [www.fgcu.edu/connect/](http://www.fgcu.edu/connect/)
- The Professional Golf Management Concentration requires satisfaction of elements of the Professional Golfers Association of America PGM program, including (a) passing Level 1, 2, and 3 checkpoints administered by the PGA of America, and (b) passing the PGA Player Ability Test. For those wishing to become PGA of America members, United States citizenship is required. Consult a college advisor for additional details.

### SECONDARY EDUCATION (B.A.)

#### Biology Concentration

**College of Education**  
**Division of Undergraduate Studies**  
Web Address: [http://coe.fgcu.edu/bio2.html](http://coe.fgcu.edu/bio2.html)  
Catalog Year 2007-2008

**Admission Requirements**

- An overall GPA of 2.5 on all hours attempted.
- Pass all subsections of the CLAST, FTCE General Knowledge Test, or Praxis I. No exemptions can be considered.
- Satisfy General Education requirements.
- Satisfy Gordon Rule requirements.
- Satisfy common prerequisite requirements.
Degree Requirements

1. FGCU General Education Program (GEP)  (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites  (variable)
   A. EDF 2005* Introduction to Education (3)
   B. EDG 2701* Teaching Diverse Populations (3)
   C. EME 2040* Educational Technology (3)
   D. In addition to EDG 2701, a minimum of 6 hrs with an
      international or diversity focus is required.
   E. Other program prerequisites:
      • Biology w/lab (8 hrs)
      • Chemistry w/lab (8 hrs) or Physics w/lab (8 hrs)
*Courses must be completed with a minimum grade of C
or better.

3. Required Courses in the Major  (44 hrs)
The following course sequence assumes a fall start with
full-time attendance. Students beginning in spring or
summer or attending part-time should see a College of
Education Advisor.

Block 1
EDF 3201 Diversity of Human Experience (6)
EDG 3201 Professional Studies (6)

Block 2
TSL 4520 Second Language Acquisition,
Communication & Culture (3)
SCE 4330 Science Methods: 6-12 (3) (Spring only)
ISC 3120 Scientific Process (3)
PLUS One subject area course (see below)

Block 3
RED 4350 Literacy Content & Processes (3)
BSC 4910 Sr. Proj. Research in Bio (2)
IDS 3920 University Colloquium (see below)

Block 4
SCE 4941 Integrated Field Experience: Secondary
Ed/Biology (3)
EDF 4470 Assessment & Action Research (3)
BSC 4911 Senior Project Presentation in Biology (2)
PLUS 5 credit hours subject area courses (see below)

Block 5
SCE 4936 Senior Seminar: Biology Ed (3)
SCE 4940 Internship: Biology Ed (9)

4. Restricted Subject Area Electives  (8 hrs)
Select from the following with approval of the college
academic advisor:
PCB 3063C Genetics (3)
PCB 3023C Cell Biology (3)
ZOO 3713C Vert Form/Func (3)
Or upper division courses in molecular biology, cellular
biology, organismal biology, environmental studies, or
earth systems.

5. University Requirements  (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives  (variable)
Additional electives may be required to reach a minimum
of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED  120 HRS

Progression Standards
• In order to register for courses in Block 2, students must
pass all sections of the Florida Teacher Certification
Exam (FTCE) General Knowledge Test.
• In order to be placed in the Block 4 Integrated Field
Experience, students must pass the FTCE Professional
Education Test.
• In order to be placed in a Block 5 Final Internship, stu-
dents must have taken the FTCE Subject Area Exam.
• Students will not graduate until all required tests of the
Florida Teacher Certification Exam are passed.

Additional Graduation Requirements
• A grade of C or higher in all College of Education (COE)
courses with an overall GPA of 2.5 in all COE course-
work and in all coursework attempted.
• Pass the Florida Teacher Certification Examination
(FTCE), including the Professional Education exami-
nation, the subject area examination and the General
Knowledge Test (the CLAST will meet this requirement if
passed prior to July 1, 2002.)
• A minimum of 48 upper division hours (courses num-
bered 3000 and higher).
• Complete 30 of the last 60 hours at FGCU.
• Satisfy foreign language admission requirement.
• Satisfy Service Learning requirement. www.fgcu.edu/
connect/
• Attain a proficient evaluation on the Teacher Effectiv-
eness Portfolio.

Transfer of Undergraduate Coursework
The COE limits the transfer of coursework into its up-
per-division, undergraduate programs. To be considered,
courses must have been completed with a minimum grade
of C and no more than five years prior to the date of entry
into the College of Education undergraduate program.

SECONDARY EDUCATION (B.A.)
• Mathematics Concentration

College of Education
Division of Undergraduate Studies
Web Address: http://coe.fgcu.edu/bio2.html
Catalog Year 2007-2008

Admission Requirements
• An overall GPA of 2.5 on all hours attempted.
• Pass all subsections of the CLAST, FTCE General
Knowledge Test, or Praxis I. No exemptions can be
considered.
• Satisfy General Education requirements.
• Satisfy Gordon Rule requirements.
• Satisfy common prerequisite requirements.

Degree Requirements
1. FGCU General Education Program (GEP)  (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites  (variable)
   A. EDF 2005* Introduction to Education (3)
   B. EDG 2701* Teaching Diverse Populations (3)
   C. EME 2040* Educational Technology (3)
   D. In addition to EDG 2701, a minimum of 6 hrs with an
international or diversity focus is required.

E. Other program prerequisites:
• Calculus I (4 hrs)
• Calculus II (4 hrs)
• Calculus III (4 hrs)
• Differential Equations (3 hrs)
• Computer Programming Language (applicable to microcomputer) (3 hrs)

*Courses must be completed with a minimum grade of C or better.

3. Required Courses in the Major (39 hrs)
The following course sequence assumes a fall start with full-time attendance. Students beginning in spring or summer or attending part-time should see a College of Education Advisor.

Block 1
EDF 3201 Diversity of Human Experience (6)
EDG 3201 Professional Studies (6)
MAS 3105 Linear Algebra (3)

Block 2
TSL 4520 Second Language Acquisition, Communication & Culture (3)
MAE 4152 Math Methods: 6-12 (3)
MHF 2191 Mathematical Found. (3)
PLUS one subject area course (see below)

Block 3
RED 4350 Literacy Content & Processes (3)
IDS 3920 University Colloquium (see below)

Block 4
MAE 4942 Integrated Field Experience: Secondary Ed/Math (3)
EDF 4470 Assessment & Action Research (3)
PLUS two subject area courses (see below)

Block 5
MAE 4936 Senior Seminar: Mathematics Ed (3)
MAE 4940 Internship: Mathematics Ed (9)

4. Restricted Subject Area Electives (13 hrs)
Select from the following with approval of the college academic advisor:

• MAA 4226 Advanced Calculus (4)
• MAD 3107 Discrete Mathematics (3)
• MAD 4401 Numerical Analysis (3)
• MAP 3161 Meth of Ap Math I (4)
• MAP 3162 Meth of Ap Math II (4)
• MAP 3163 Meth of Ap Math III (3)
• MAS 4301 Abstract Algebra I (3)
• STA 4234 Into. to Regression Analysis (3)

5. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Progression Standards
• In order to register for courses in Block 2, students must pass all sections of the Florida Teacher Certification Exam (FTCE) General Knowledge Test.
• In order to be placed in the Block 4 Integrated Field Experience, students must pass the FTCE Professional Education Test.

• In order to be placed in a Block 5 Final Internship, students must have taken the FTCE Subject Area Exam.
• Students will not graduate until all required tests of the Florida Teacher Certification Exam are passed.

Additional Graduation Requirements
• A grade of C or higher in all College of Education (COE) courses with an overall GPA of 2.5 in all COE coursework and in all coursework attempted.
• Pass the Florida Teacher Certification Examination (FTCE), including the Professional Education examination, two subject area examinations (normally completed during Block 4 and Block 5) and the General Knowledge Test (the CLAST will meet this requirement if passed prior to July 1, 2002.)
• A minimum of 48 upper division hours (courses numbered 3000 and higher).
• Complete 30 of the last 60 hours at FGCU.
• Satisfaction of foreign language admission requirement.
• Satisfaction of Service Learning requirements. [www.fgcu.edu/connect]
• Completion of all components of the Teacher Effectiveness Portfolio at the Proficient performance level.

Transfer of Undergraduate Coursework
The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

SECONDARY EDUCATION (B.A.)
• Social Science Concentration

College of Education
Division of Undergraduate Studies
Web Address: http://coe.fgcu.edu/science2.html
Catalog Year 2007-2008

Admission Requirements
• An overall GPA of 2.5 on all hours attempted.
• Pass all subsections of the CLAST, FTCE General Knowledge Test, or Praxis I. No exemptions can be considered.
• Satisfy General Education requirements.
• Satisfy Gordon Rule requirements.
• Satisfy common prerequisite requirements.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
A. Communication (6 hrs)
B. Mathematics (6 hrs)
C. Humanities (9 hrs)
D. Social Sciences (6-9 hrs)
E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
A. EDF 2005* Introduction to Education (3)
B. EDG 2701* Teaching Diverse Populations (3)
C. EME 2040* Educational Technology (3)
D. In addition to EDG 2701, a minimum of 6 hrs with an international or diversity focus is required.
E. Other program prerequisites. Select 21 credit hours from every area below:
• American Government (3 hrs)
• Anthropology (3 hrs)
• Cultural Geography (3 hrs)
• Economics (3 hrs)
• History (3 hrs)
• Psychology (3 hrs)
• Sociology (3 hrs)

*Courses must be completed with a minimum grade of C or better.

3. Required Courses in the Major (39 hrs)
The following course sequence assumes a fall start with full-time attendance. Students beginning in spring or summer or attending part-time should see a College of Education Advisor.

| Block 1 | EDF 3201 Diversity of Human Experience (6) |
| Block 2 | TSL 4520 Second Language Acquisition, Communication & Culture (3) |
| | SSE 4153 Social Science Methods: 6-12 (3) |
| | Plus two subject area courses (see below) |
| Block 3 | RED 4350 Literacy Content & Processes (3) |
| | Plus one subject area course (see below) |
| Block 4 | SSE 4941 Integrated Field Experience: Secondary Ed/Social Science (3) |
| | EDF 4470 Assessment & Action Research (3) |
| | IDS 3930 University Colloquium (see below) |
| | Plus one subject area course (see below) |
| Block 5 | SSE 4936 Senior Seminar: Social Science Ed (3) |
| | SSE 4940 Internship: Social Science Ed (9) |

4. Restricted Subject Area Courses (12 hrs)
Select from the following with approval of the college academic advisor:
Upper level courses (3-4000 level) from the social sciences disciplines (prefixes of ANT, ECO, HIS, POS, PSY, SOP, SYD, SYG, SYO, and SYP).

5. University Requirements (3 hrs)
IDS 3920 University Colloquium (3)

6. Additional Electives (variable)
Additional electives may be required to reach a minimum of 120 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Progression Standards
• In order to register for courses in Block 2, students must pass all sections of the Florida Teacher Certification Exam (FTCE) General Knowledge Test.
• In order to be placed in the Block 4 Integrated Field Experience, students must pass the FTCE Professional Education Test.
• In order to be placed in a Block 5 Final Internship, students must have taken the FTCE Subject Area Exam.
• Students will not graduate until all required tests of the Florida Teacher Certification Exam are passed.

Additional Graduation Requirements
• A grade of C or higher in all College of Education (COE) courses with an overall GPA of 2.5 in all COE coursework and in all coursework attempted.
• Pass the Florida Teacher Certification Examination (FTCE), including the Professional Education examination, two subject area examinations and the General Knowledge Test (the CLAST will meet this requirement if passed prior to July 1, 2002.)
• A minimum of 48 upper division hours (courses numbered 3000 and higher).
• Complete 30 of the last 60 hours at FGCU.
• Satisfy foreign language admission requirement.
• Satisfy Service Learning requirement. [www.fgcu.edu/connect/]
• Complete of all components of the Teacher Effectiveness Portfolio at the Proficient performance level.

Transfer of Undergraduate Coursework
The COE limits the transfer of coursework into its upper-division, undergraduate programs. To be considered, courses must have been completed with a minimum grade of C and no more than five years prior to the date of entry into the College of Education undergraduate program.

SOCIAL WORK (B.S.W.)
College of Professional Studies
Division of Social Work
Web address: http://cps.fgcu.edu/sw/bsw/index.html
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfaction of all applicable university admission requirements.
• Complete Common Prerequisites with a grade of C or better.
• Complete general education program.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (9 hrs)
   E. Natural Sciences (6 hrs)
   Select from common prerequisites below

   2. Common Prerequisites (GEP + 3 hrs)
      A. POS 2041 American Nat’l Government or POS 2112 State and Local Government
      B. BSC 1020C Human Systems or BSC 1085C Anatomy and Physiology
      C. ECO 1000 Survey of Economics or ECO 2023 Principles of Microeconomics
      D. PSY 2012 General Psychology
      E. SYG 2000 Intro to Sociology or SYG 2010 Social Problems

   3. Required Core Courses (45 hrs)
      SOW 3036 Social Work and Social Welfare (3)
      SOW 3101 HBSE I (3)
      SOW 3102 HBSE II (3)
      SOW 3232 Social Policy (3)
      SOW 3300 Practice I: Individuals and Families (3)
      SOW 3322 Practice II: Groups (3)
      SOW 4060 BSF Field Education I (6)
      SOW 4061 BSF Field Education II (6)
      SOW 4314 Practice III: Case Management (3)
      SOW 4332 Practice IV: Community & Organizational Develop. (3)
      SOW 4401 Social Work Research (3)
      SOW 4521 BSW Field Seminar (3)
4. Major Electives* (6 hrs)
Select 6 hours from the following:
SOW 4194  Inter-relational Violence (3)
SOW 4274  International Social Work
SOW 4601  Issues in Health/Mental Health (3)
SOW 4643  Issues in Aging (3)
SOW 4650  Child Abuse Treatment & Prevention
SOW 4674  Loss & Bereavement (3)
SOW 4676  Issues in Vulnerable Populations (3)
SOW 4700  Chemical Dependency & Interventions (3)
SOW 4724  Child Welfare (3)
SOW 4901  Independent Study (3)

5. University Requirements (3 hrs)
IDS 3920  University Colloquium (3)

6. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• Students must satisfactorily complete a minimum of 120 credit hours.
• A cumulative GPA of 2.0 is required for all coursework attempted at FGCU.
• At least 48 of the 120 hours must be in the upper division (3000 and higher).
• Satisfy CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfy Service Learning requirement. See www.fgcu.edu/connect/

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or higher:
• BSC 1020C: Any 3 hours (XXX XXXX) in Biology (Human Biology or Anatomy & Physiology).
• ECO 1000: Any 3 hours (ECO XXXX) in Economics (Microeconomics or Macroeconomics).
• PSY 2012: Any 3 hours (XXX XXXX) in Psychology.
• SYG 2000: Any 3 hours (XXX XXXX) in Introductory Sociology/Social Problems.

SOCIOLOGY (B.A.)
College of Arts and Sciences
Department of Social and Behavioral Sciences
Web Address: http://www.fgcu.edu/cas/socsci/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
2. Common Prerequisites (variable)
   Any 6 hours of lower level courses with the prefix of SYA, SYD, SYG, SYO or SYP (GEP).
3. Interdisciplinary Core (9 hrs)
   IDS 3300  Foundations of Civic Engagement (3)
   IDS 3301  Issues in Culture and Society (3)
   IDS 3303  Issues in Science and Technology (3)
4. Required Courses in the Major (21 hrs)
   SYA 3010  Sociological Theory (3)
   SYA 3300  Social Research (3)
   SYA 4654  Program Development (3)
   SYA 4935  Sociology Capstone (3)
   SYA 4940  Sociology Internship (3)
   SYO 3360  Social Organization of Work or SYO 3120 The Family (3)
   SYO 3530  Social Stratification (3)
5. Restricted Electives in the Major (9 hrs)
   Select 3 hrs from the following:
   SYD 4603  Community Development (3)
   SYD 3625  South Florida Sociocultural Systems (3)
   SYD 3630  Latin American Social Structures (3)
   SYD 3631  Caribbean Social Structures (3)
   SYD 3730  African-American Experience (3)
   SYD 3770  Race & Culture (3)
   SYD 3800  Sociology of Sex & Gender (3)
   SYD 4020  Global Population (3)
   SYD 4910  Directed Independent Study (3)
   Select 3 hrs from the following:
   SYO 3360  Social Organization of Work (3)*
   SYO 3120  The Family (3)*
   SYO 3200  Sociology of Religion (3)
   SYO 3400  Medical Sociology (3)
   *If this course was used to fulfill a requirement in the required courses for the major, it may not also be used to fulfill a restricted elective.
   Select 3 hrs from the following:
   SYP 4640  Sociology of Leisure (3)
   SYP 4731  Aging, Self and Society (3)
   SYP 4741  Social Organization of Death and Dying (3)
6. University Requirements (3 hrs)
   IDS 3920  University Colloquium (3)
7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better
SYG 2000 and SYG 2010: may substitute any 6 hours of lower level courses with the prefixes of SYA, SYD, SYG, SYO, or SYP

SPANISH (B.A.)
College of Arts and Sciences
Department of Language and Literature
Web Address: www.fgcu.edu/cas/spanish/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common application for admission, and satisfy all applicable university admission requirements.
• Complete common prerequisites with a grade of C or better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101
      2. ENC 1102
   B. Mathematics (6 hrs)
      1. STA 2023
   C. Humanities (9 hrs)
      1. HUM 2510
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   Students should show evidence of successful completion of Spanish through the intermediate level (SPN 2201 and SPN 2201L) by either passing the courses (16 hours) with a grade of C or higher or taking the placement examination.

3. Interdisciplinary Core (12 hrs)
   IDS 3300 Foundations of Civic Engagement (3)
   IDS 3301 Issues in Culture and Society (3)
   IDS 3303 Issues in Science and Technology (3)
   IDS 4910 Integrated Core Senior Seminar (3)

4. Required Courses in the Major (9 hrs)
   SPN 3300 Composition (3)
   SPN 3411 Advanced Oral Expression (3)
   SPN 4920 Spanish Symposium (3)

5. Restricted Electives in the Major (21 hrs)
   Select 21 hours from the following:
   SPN 2270 Study Abroad (1-6)
   SPN 3400 Conversation and Composition I (3)
   SPN 3500 Spanish Culture & Civilizations I (3)
   SPN 3520 Latin American Cultures & Civ I (3)
   SPN 4470 Advanced Senior Study Abroad (1-6)
   SPN 4537 Topics in Afro-Hispanic Cultures (3)
   SPN 4538 Indigenous Peoples in Latin America (3)
   SPN 4910 Directed Independent Research (3)
   SPN 4940 Intern Practicum (3)
   SPT 3532 Hispanic Cinema (3)
   SPT 4800 Translation Skills I (3)
   SPT 4801 Professional Translation (3)
   SPT 4806 Oral Skills for Interpreters (3)
   SPW 3100 Survey of Literature of Spain (3)
   SPW 3130 Survey of Latin American Literature (3)
   SPW 3320 Modern Hispanic Theatre Workshop (3)
   SPW 3423 Masterpieces of Spain’s Golden Age (3)
   SPW 3480 Topics in 20th Century Spanish Literature (3)
   SPW 3782 Hispanic Women Writers (3)
   SPW 4282 Contemporary Latin American Fiction (3)
   SPW 4604 Cervantes Don Quixote (3)
   SPW 4930 Selected Topics (1-3)

6. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

7. Additional Electives (variable)

TOTAL SEMESTER HOURS REQUIRED 120 HRS

Additional Graduation Requirements
• A minimum of 120 credit hours.
• A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.
• A cumulative GPA of 2.0 for all coursework attempted at FGCU.
• A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.
• Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/
• Thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

SPECIAL EDUCATION (B.A.)
College of Education
Division of Undergraduate Studies
Web Address: http://coe.fgcu.edu/specialeducation/undergraduate
Catalog Year 2007-2008

Admission Requirements
• An overall GPA of 2.5 on all hours attempted.
• Pass all subsections of the CLAST, FTCE or Praxis I. No exemptions can be considered.
• Satisfy General Education requirements.
• Satisfy Gordon Rule requirements.
• Satisfy common prerequisite requirements.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
   B. Mathematics (6 hrs)
   C. Humanities (9 hrs)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   A. EDF 2005* Introduction to Education (3)
   B. EDG 2701* Teaching Diverse Populations (3)
   C. EME 2040* Educational Technology (3)
   D. In addition to EDG 2701, a minimum of 6 hrs with an
      international or diversity focus is required.
   *Courses must be completed with a minimum grade of C
      or better.

3. Required Courses in the Major (63 hrs)
The following course sequence assumes a fall start with
full-time attendance. Students beginning in spring or
summer or attending part-time should see a College of
Education Advisor.

Block 1
EDF 3201 Diversity of Human Experience (6)
EDG 3201 Professional Studies (6)
IDS 3920 Colloquium (see below)

Block 2
EEX 4050 Theories and Practices in Special
   Education (3) [spring only]
MAE 4310 Math Content & Processes (3)
RED 4310 Early Learning Literacy (3)
TSL 4520 Second Language Acquisition,
   Communication & Culture (3)
SCE 4310 Science Methods (3)

Block 3
EEX 4255 Teaching Students with Moderate/Severe
   Disabilities (3) [summer only]
RED 4350 Literacy Content & Processes (3)
SSE 4343 Social Studies & Humanities (3)

Block 4
EDF 4470 Assessment & Action Research (3)
EEX 4846 Teaching Students with Mild/Moderate
   Disabilities (3) [fall only]
EEX 4942 Integrated Field Experience: Special Ed
   (3)
LAE 4416 Children’s Literature (3) [or LAE 4464
   Adolescent Literature—offered fall only]
TSL 4344 Methods, Curriculum & Instructional
   Effectiveness (3)

Block 5
EEX 4936 Senior Seminar: Special Education (3)
EEX 4940 Internship: Special Education (9)

4. University Requirements (3 hrs)
   IDS 3920 University Colloquium (3)

5. Additional Electives (variable)
   Additional electives may be required to reach a minimum
   of 126 credit hours for the baccalaureate degree.

TOTAL SEMESTER HOURS REQUIRED 126 HRS

Progression Standards
• In order to register for courses in Block 2, students must
  pass all sections of the Florida Teacher Certification
  Exam (FTCE) General Knowledge Test.
• In order to be placed in the Block 4 Integrated Field
  Experience, students must pass the FTCE Professional
  Education Test.
• In order to be placed in a Block 5 Final Internship, stu-
  dents must have taken the FTCE Subject Area Exam.
• Students will not graduate until all required tests of the
  Florida Teacher Certification Exam are passed.

Additional Graduation Requirements
• A grade of C or higher in all College of Education (COE)
  courses with an overall GPA of 2.5 in all COE course-
  work and in all coursework attempted.
• Pass the Florida Teacher Certification Examination
  (FTCE), including the Professional Education examination,
  two subject area examinations and the General
  Knowledge Test (the CLAST will meet this requirement if
  passed prior to July 1, 2002.)
• A minimum of 48 upper division hours (courses num-
  bered 3000 and higher).
• Complete 30 of the last 60 hours at FGCU.
• Satisfy foreign language admission requirement.
• Satisfy Service Learning requirement [www.fgcu.edu/
  connect/]
• Complete of all components of the Teacher Effectiveness
  Portfolio at the Proficient performance level.

Transfer of Undergraduate Coursework
The COE limits the transfer of coursework into its upper-
division, undergraduate programs. To be considered,
courses must have been completed with a minimum grade
of C and no more than five years prior to the date of entry
into the College of Education undergraduate program.

THEATRE (B.A.)
College of Arts and Sciences
Department of Visual and Performing
Arts
Web Address: www.fgcu.edu/cas/theatre/
Phone: 239-590-7196
Catalog Year 2007-2008

Admission Requirements
• Submit a State University System (SUS) common appli-
  cation for admission, and satisfy all applicable university
  admission requirements.
• Complete common prerequisites with a grade of C or
  better.
• Attend an orientation session.
• Sign an Advising Contract.

Degree Requirements
1. FGCU General Education Program (GEP) (36 hrs)
   A. Communication (6 hrs)
      1. ENC 1101 (3)
      2. ENC 1102 (3)
   B. Mathematics (6 hrs)
      1. STA 2023 (3)
   C. Humanities (9 hrs)
      1. HUM 2510 (3)
      2. THE 2020 (3) recommended
      3. THE 2300 (3) recommended
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)

2. Common Prerequisites (variable)
   THE 2020 Introduction to Theatre (3) (GEP)
   THE 2300 Survey of Dramatic Lit (3) (GEP)
   THE 2925 Play Production (1)
TPA 2290  Tech Theatre Lab I (1)  
TPA 2210  Stagecraft (3)  
TPP 2190  Rehearsal & Performance (1)  

3. Interdisciplinary Core  
IDS 3300  Foundations of Civic Engagement (3)  

4. Required Courses in the Major  
(27 hrs)  
THE 2430  Performing Arts in a Culturally Diverse Society (3)  
THE 3511  Theories of Theatre and Performance I (3)  
THE 3512  Theories of Theatre and Performance II (3)  
THE 3540  Performing Communities (3)  
THE 4959  Senior Project in Theatre (3)  
TPP 2100  Acting I (3)  
TPP 2111  Acting II (3)  
TPP 3943  Performing Communities Field Methods (3)  
TPP 4310  Play Directing (3)  

THE 2430  Performing Arts in a Culturally Diverse Society (3)  
THE 3511  Theories of Theatre and Performance I (3)  
THE 3512  Theories of Theatre and Performance II (3)  
THE 3540  Performing Communities (3)  
THE 4959  Senior Project in Theatre (3)  
TPP 2100  Acting I (3)  
TPP 2111  Acting II (3)  
TPP 3943  Performing Communities Field Methods (3)  
TPP 4310  Play Directing (3)  

5. Restricted Electives in the Major  
(14 hrs)  
A minimum of 12 hrs must be at the level of 3000 or higher  
DAA 2540  Theatre Dance Styles (2)  
DAA 3684  Dance Theatre Lab (2)  
THE 3560  Ecologies of Performance (3)  
THE 3503  Analysis: Visuality/Performativity/Textuality (3)  
THE 4181  Theatre of Transgression and Resistance (3)  
THE 4330  Shakespeare for the Theatre (3)  
THE 4905  Directed Study in Theatre (1-4)  
THE 4930  Special Topics in Theatre (1-3)  
THE 4945  Summer Repertory Theatre (3-9)  
TPA 2214  Stage Lighting and Sound (3)  
TPA 2248  Workshop in Stage Make-up (1)  
TPP 3292  Applied Studies in New Theatre Technique (3)  
TPP 4174  Transmedia Autoperformance (3)  
TPP 4155  Scene Study (3)  
TPP 4174  Transmedia Autoperformance (3)  
TPP 4600  Playwriting (3)  
TPP 4923  Musical Theatre Workshop (3)  
TPP 4930  Senior Project in Theatre (3)  
TPP 4930  Senior Project in Theatre (3)  
TPP 4940  Internship in Theatre Performance (1-6)  
TPP 4940  Internship in Theatre Performance (1-6)  

6. Electives outside the Major  
Select 6 credits of upper division courses in any area other than THE, TPP or TPA  

7. University Requirements  
(3 hrs)  
IDS 3920  University Colloquium (3)  

8. Additional Electives  
(variable)  

TOTAL SEMESTER HOURS REQUIRED  
120 HRS  

Additional Graduation Requirements  
- A minimum of 120 credit hours.  
- A minimum of 48 of the 120 hours must be at the upper division (3000 and higher) level.  
- A cumulative GPA of 2.0 for all coursework attempted at FGCU.  
- A minimum grade of C for each course used to satisfy the following categories: common prerequisites, interdisciplinary core, required courses in the major, and restricted electives in the major.  
- Satisfaction of CLAST, Gordon Rule writing and computation, and foreign language entrance requirements.  
- Satisfaction of the Service Learning requirement. See www.fgcu.edu/connect/  
- Thirty of the last sixty credits must be completed at FGCU.  
- Completion of the summer course enrollment requirement.  
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.  

Transfer Notes and Acceptable Substitutes  
The following substitutions are acceptable for common prerequisites and must be completed with a grade of C or better  
- THE 2020: may substitute THE X000 or any introductory course from 001-035 at the 1 or 2 level  
- THE 2300: may substitute THE X305  
- TPA 2210: may substitute TPA x200  
- TPP 2190: may substitute TPP x110  
Any introductory course from 001-035 at the 1 or 2 level plus nine hours of any combination of THE, TPA and TPP courses can substitute for the Theatre common prerequisites.
**FGCU MINORS 2007-2008**

Advertising  
African Diaspora Studies  
Anthropology  
Art  
Biology  
Chemistry  
Community Planning and Development  
Computer Information Systems  
Creative Writing  
Economics  
Education  
English  
Global Studies  
History  
Interdisciplinary Studies  
Latin American Studies  
Management  
Marketing  
Mathematics  
Music  
Philosophy  
Political Science  
Psychology  
Real Estate  
Sociology  
Software Engineering  
Southwest Florida Studies  
Spanish  
Women's Studies

**General Requirements for a Minor**
- Students must meet with a college advisor to declare a minor and review the course requirements.
- A grade of C or higher is required in all courses for the minor.
- A minimum of 12 credit hours of the minor must be completed at FGCU.
- Students desiring certification of a minor and designation on their academic transcript must:
  - Note the minor on the Application for Graduation.
  - Contact a college advisor to certify completion of all course requirements for the declared minor as listed below.

**Transfer Notes**
Transfer credits will ordinarily be accepted from regionally accredited institutions and evaluated for appropriate credit toward requirements in the student's degree program.

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### ADVERTISING Minor  
*(18 hrs)*

**Lutgert College of Business**  
**Web Address**: [www.fgcu.edu/cob/undergrad/](http://www.fgcu.edu/cob/undergrad/)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADV 3008</td>
<td>Principles of Advertising</td>
<td>3</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>Introduction to Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MAR 4333</td>
<td>Integrated Mkt Communications</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

- ADV 3001 | Creative Strategy | 3 |
- ADV 3101 | Promotional Writing & Design | 3 |
- ADV 3300 | Advertising Media Planning | 3 |

Additional 6 hours of approved upper division (3-4000 level) marketing (MAR) or advertising (ADV) electives selected in consultation with a college advisor.

### AFRICAN DIASPORA STUDIES Minor  
*(18 hrs)*

**College of Arts & Sciences**  
**Web Address**: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)

Complete one of the following:

- AFA 2000 | Intro to Afr & Diaspora Studies | 3 |
- SYG 2231 | Intro to African-Amer Studies | 3 |

Complete one of the following:

- AFA 4331 | Social Inst. & the Afr-Am Comm | 3 |
- SYD 3730 | The African-Amer Experience | 3 |

Complete one of the following:

- LAH 3300 | The Americas | 3 |
- LAH 3470 | History of the Caribbean | 3 |

Complete three of the following:

- AFA 3900 | Directed Readings | 3 |
- AFA 3910 | Directed Individual Study | 3 |
- AFA 3931 | Sel. Topics in Afr. & Dias. St | 3 |
- AFA 4335 | Women of Color in the U.S. | 3 |
- AMH 3571 | African-Amer History to 1865 | 3 |
- AMH 3572 | African-Amer Hist Since 1865 | 3 |
- AML 4604 | Seminar in African-Amer Lit | 3 |
- AMS 3700 | Racism in American Society | 3 |
- ANT 3340 | Caribbean Cultural Patterns | 3 |
- ARH 3520 | African Art | 3 |
- ARH 3670 | Caribbean Art | 3 |
- LAS 3022 | Caribbean Environments | 3 |
- LAS 4932 | Selc Topic Caribbean Studies | 3 |
- SPN 4537 | Spec Topics Afro-Hispanic Cult | 3 |
- SPT 3523 | Women Writers of Latin Amer. | 3 |
- SYD 3631 | Caribbean Social Structures | 3 |
- SYD 3770 | Race & Culture | 3 |
- WST 4262 | Literature by Women of Color | 3 |

### ANTHROPOLOGY Minor  
*(15 hrs)*

**College of Arts & Sciences**  
**Web Address**: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)

Complete one of the following:

- ANT 2000 | Introduction to Anthropology | 3 |
- ANT 2211 | Peoples of the World | 3 |
- ANT 2410 | Cultural Anthropology | 3 |

Complete one of the following:

- ANT 2511 | Intro. to Physical Anthropology | 3 |
- ANT 2100 | Introduction to Archaeology | 3 |

Complete three additional courses (9 hours) from 3000-4000 level ANT courses.

### ART Minor  
*(18 hrs)*

**College of Arts & Sciences**  
**Web Address**: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)

Complete one of the following:

- ARH 2050 | History of Visual Arts I | 3 |
- ARH 2051 | History of Visual Arts II | 3 |

Complete one additional course (3 hours) from 1000-2000 level ART or ARH courses.

Complete three additional courses (9 hours) from 3000-4000 level ART or ARH courses.

### BIOLOGY Minor  
*(20 hrs)*

**College of Arts & Sciences**  
**Web Address**: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)

Complete one of the following:

- BSC 1010C | General Biology with lab | 4 |
- BSC 1011C | General Biology | 4 |

Complete 12 hours from the following:

- ISC 3120 | Scientific Process |

Any course with the prefixes BOT, BSC, MCB, PCB, or ZOO from 3000 level or above.

Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.
CHEMISTRY Minor (23 hrs)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas

CHM 1045C General Chemistry I (4)
CHM 1046C General Chemistry II (4)
CHM 2210C Organic Chemistry I (4)
CHM 2211C Organic Chemistry II (4)
CHM 3120C Analytical Chemistry (4)
BCH 3023C Biochemistry (3)

Note: All combined lecture and laboratory courses (marked with a C) are equivalent to taking the lecture and laboratory separately as two courses.

COMMUNITY PLANNING AND DEVELOPMENT Minor (18 hrs)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas

SYA 3300 Social Research Methods (3)
SYD 4020 Global Population (3)
SYD 4603 Community Development (3)
SYG 2000 Introduction to Sociology (3)
Complete one of the following:
SYA 4654 Program Development (3)
SYP 4640 Sociology of Leisure (3)
SYO 3360 Organization of Work (3)
Complete one additional course (3 hours) from 3000-4000 level AEB, ECO, ECP, SYA, SYD, SYG, SYO or SYP prefixes.

COMPUTER INFORMATION SYSTEMS Minor (18 hrs)
Lutgert College of Business
Web Address: www.fgcu.edu/cob/undergrad/

CGS 1100 Introduction to Computers (3)
ISM 2051 Website Development (3)
ISM 3011 Information Systems (3)
ISM 3212 Database Concepts & Admin (3)
ISM 3230 Intro Business Programming (3)
Select one of the following:
ISM 3220 Data Communications (3)
ISM 3232 Intermed Business Programming (3)
ISM 3402 Decision Support Tools (3)
ISM 4094 Advanced MIS Symposium (3)

CREATIVE WRITING Minor (15 hrs)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas

CRW 2001 Introduction to Creative Writing (3)
Complete four of the following:
CRW 4120 Advanced Fiction Writing (3)
CRW 4320 Advanced Poetry Writing (3)
ENC 2160 Introduction to Nature Writing (3)
ENC 3250 Professional Writing (3)
ENC 3310 Expository Writing (3)
ENC 4930 Selected Topics in Writing (3)
JOU 3101 Introduction to Journalism (3)
FIL 3100 Scriptwriting (3)

ECONOMICS Minor (18 hrs)
Lutgert College of Business
Web Address: www.fgcu.edu/cob/undergrad/

ECO 2013 Principles of Macro Economics (3)
ECO 2023 Principles of Micro Economics (3)
ECO 3101 Intermediate Price Theory (3)
ECO 3203 Intermediate Macroeconomics (3)
Additional 6 hours of approved upper division (3-4000 level) economics (ECP or ECO) electives selected in consultation with a college advisor.

EDUCATION Minor (18 hrs)
College of Education
Web Address: www.fgcu.edu/coe/

EDF 4424 Measurement and Evaluation in the Classroom (3)
EDG 4343 Instructional Strategies (3) *
RED 4344 Methods of Teaching Reading (3)
EDF 3251 Classroom Management & Organization (3)
EDF 3011 Student Development & Learning (3)

*Should be completed before taking a methods course
Select one of the following:
TSL 4344 Methods, C & I, Effectiveness (3)
(Elem. Ed)
EEX 4050 Theories & Pract. In Spec. Ed. (3)
ECC 4300 Cog. Exp. For Young Child. (3)
LAE 4335 Lang. Arts Methods 6 – 12 (3)
SCE 4330 Science Methods 6 – 12 (3)
MAE 4152 Math Methods 6 12 (3)
SSE 4153 Social Science Methods 6 – 12 (3)

ENGLISH Minor (15 hrs)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas

Complete any combination of 15 hours at the 3000-4000 level from the following prefixes: AML, CRW, ENC, ENL, LIN, and LIT.

GLOBAL STUDIES Minor (15 hrs)
College of Arts & Sciences
Web Address: www.fgcu.edu/cas

Complete one of the following:
INR 2015 Global Studies (3)
INR 3002 Intro. to Internat’l Relations (3)
SYG 2010 Social Problems (3)
Complete two from the following:
CPO 4057 Politics and Violence (3)
*INR 3002 Intro to International Relations (3)
INR 4303 American Foreign Policy (3)
INR 4703 Internat’l Political Economy (3)
INR 4926 Model UN Practicum (3)
PUP 4206 Internat’l Enviro. Policy (3)
PUP 4013 Comparative Social Policy (3)
SYD 4020 Global Population (3)

Complete two from the following:
Regional and Global Environments
AFS 3251 African Environments (3)
ASN 3412 Asian Environments (3)
ISC 3145 Global Systems (3)
LAS 3007 Latin American Environments (3)
LAS 3022 Caribbean Environments (3)
Area Studies
AFA 4150 Africa and the United States (3)
AML 4703 Immigrant Exper. in Am. Lit. (3)
ASH 3404 Modern China (3)
ASH 4442 History of Modern Japan (3)
CPO 3303 Latin Amer. Polic. & Society (3)
CPO 4375 Politics of the Caribbean & Central Amer. (3)

LAH 3200 Modern Latin America (3)
LAH 3300 The Americas (3)
LAH 3430 History of Mexico (3)
LAH 3470 History of the Caribbean (3)
LAS 3004 The Americas (3)
LIT 4353 Ethnic Studies (3)
LSE 3630 Latin Amer. Social Structures (3)
LSE 3631 Caribbean Social Structures (3)

Or additional courses as approved by academic advisor.
*Note: If INR 3002 is taken in the first menu, then it may not be used to meet the requirements of the second menu.
**HISTORY Minor** (18 hrs)
College of Arts & Sciences
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)
Complete one of the following:
- AMH 2010  US History to 1877 (3)
- AMH 2020  US History since 1877 (3)
- WOH 1023  World Civilization 1500-1815 (3)
- WOH 1030  World Civilization Since 1815 (3)
Complete five courses (15 hours) at the 3000-4000 level from the following prefixes: AFH, AMH, ASH, EUH, HIS, LAH or WOH.

**INTERDISCIPLINARY STUDIES Minor** (15 hrs)
College of Arts & Sciences
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)
- IDS 3300  Foundations of Civic Engagement (3)
- IDS 3301  Issues in Culture and Society (3)
- IDS 3303  Issues in Science and Technology (3)
- IDS 3920  University Colloquium (3)
- IDS 4910  Integrated Core Senior Seminar (3)

**LATIN AMERICAN STUDIES Minor** (18 hrs)
College of Arts & Sciences
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)
- LAS 2000  Intro to Latin American Studies (3)
- LAH 3130  Colonial Latin America (3)
- LAH 3200  History of Mod Latin America (3)
Complete four of the following:
- AML 4630  Latino Literature (3)
- LAH 3300  The Americas (3)
- LAH 3430  History of Mexico (3)
- LAS 3007  Latin American Environments (3)
- SPN 3202  Survey of Latin-American Lit (3)
- SPN 3520  Latin Amer Cult & Civil I (3)
- SPN 4537  Spec Top in Afro-Hisp Cult (3)
- SPN 4538  Cult Exp of Indig People in LA (3)
- SPN 4910  Directed Independent Research (3)
- SPT 3523  Women Writers of Latin Am (3)
- SYD 3630  Latin Amer Social Structures (3)

**MANAGEMENT Minor** (18 hrs)
Lutgert College of Business
Web Address: [www.fgcu.edu/cob/undergrad/](http://www.fgcu.edu/cob/undergrad/)
- CGS 1100  Introduction to Computers (3)
- MAN 3025  Contemporary Mgt Concepts (3)
- MAN 3301  Human Resource Management (3)
- MAN 3441  Conflict Management (3)
- MAN 4120  Leadership & Group Dynamics (3)
Additional 3 hours of approved upper division (3-4000 level) business electives selected in consultation with a college advisor.

**MARKETING Minor** (18 hrs)
Lutgert College of Business
Web Address: [www.fgcu.edu/cob/undergrad/](http://www.fgcu.edu/cob/undergrad/)
- ADV 3008  Principles of Advertising (3)
- MAR 3023  Introduction to Marketing (3)
- MAR 3400  Professional Selling (3)
- MAR 3503  Consumer Behavior (3)
Additional 6 hours of approved upper division (3-4000 level) marketing (MAR) or advertising (ADV) electives selected in consultation with a college advisor.

**MUSIC Minor** (20-21 hrs)
College of Arts & Sciences
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)
- MUT 1111  Music Theory (3)
- MUT 1112  Music Theory II (3)
- MUT 1241  Sight Singing and Ear Training (1)
- MUT 1242  Sight Singing and Ear Training II (1)
- MVK 1111  Class Piano (1)*
- MVx 1xxx  Freshman Applied Music (2)
- MVx 2xxx  Sophomore Applied Music (2)**
- MVx 3xxx  Junior Applied Music (2)**
- MUN 1xxx  Music Ensemble (2)
- MUN 3xxx  Music ensemble (2)
Select three hours from the following:
- MVx 3xxx-4xxx  pper level applied music (1-4)
- MUH 3xxx  Music History I (3)
- MUH 3xxx  Music History II (3)
- MUN 3xxx  Upper Level Ensemble (1-4)
*Students may be exempt based on performance on the piano placement exam.
**Applied Music Study must occur in five separate semesters, including one at the upper level.

**PHILOSOPHY Minor** (15 hrs)
College of Arts & Sciences
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)
Complete five courses from the following:
- PHI 2000  Introduction to Philosophy (3)
Any 3xxx-4xxx level course with the prefixes PHH, PHI or PHM.
A student has the option of counting one course from the following list:
- LIT 4213  Literary Theory (3)
- EVR 3020  Environmental Philosophies (3)
- MAN 2062  Ethical Issues (3)
- POT 3003  Political Theory (3)
### POLITICAL SCIENCE Minor (18 hrs)
College of Professional Studies  
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)  
Complete one of the following:  
- INR 2015 Global Studies (3)  
- POS 2041 American National Government (3)  
- POS 2112 State & Local Government & Politics (3)  
Complete each of the following:  
- INR 3002 Theories of International Relations (3)  
- POS 3043 American Political Institutions (3)  
- PUP 4004 Policymaking & Administration (3)  
Complete two additional courses (6 hours) at the 3000-4000 level from the following prefixes: CBH, CLP, DEP, ECP, INR, PPE, PSB, PSY, or SOP.

### PSYCHOLOGY Minor (18 hrs)
College of Arts & Sciences  
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)  
Complete one of the following:  
- CLP 4143 Abnormal Psychology (3)  
- DEP 4054 Developmental Psychology (3)  
- SOP 4004 Social Psychology (3)  
Complete one of the following:  
- EXP 4404 Psychology of Learning (3)  
- EXP 4604 Human Memory and Cognition (3)  
- PSB 4002 Physiological Psychology (3)  
Complete two additional courses (6 hours) at the 3000-4000 level from the following prefixes: CBH, CLP, DEP, EXP, INP, PPE, PSB, PSY, or SOP.

### REAL ESTATE Minor (18 hrs)
Lutgert College of Business  
Web Address: [www.fgcu.edu/cob/undergrad/](http://www.fgcu.edu/cob/undergrad/)  
Complete one of the following:  
- REE 3043 Real Estate Fundamentals (3)  
- REE 3103 Valuation of Real Property (3)  
- REE 3303 Real Estate Investment Decisions (3)  
- REE 3433 Florida Real Estate License Law (3)  
- ECP 3613 Urban Economics (3)  
Additional 3 hours of approved upper division (3-4000 level) business elective selected in consultation with a college advisor.

### SOCIOLOGY Minor (18 hrs)
College of Arts & Sciences  
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)  
Complete two additional courses (6 hours) from 3000-4000 level in the following prefixes: SYG, SYA, SYD, SYG, SYO, or SYP. Only one course from each prefix may be selected.

### SOFTWARE ENGINEERING Minor (15 hrs)
Lutgert College of Business  
Web Address: [www.fgcu.edu/cob/undergrad/](http://www.fgcu.edu/cob/undergrad/)  
Complete one of the following:  
- COP 2006 Introduction to Programming (3)  
- COP 2001 Programming Methodology (3)  
- COP 2532 Data Structures (3)  
- COP 3003 Object-Oriented Programming (3)  
- CEN 3031 Software Engineering (3)  

### SOUTHWEST FLORIDA STUDIES Minor (18 hrs)
College of Arts & Sciences  
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)  
Complete one of the following:  
- AMH 4428 Southwest Florida History (3)  
- BSC 1051C Environ Bio-SW Florida (3)  
- SYD 3625 S Florida Sociocultural Systems (3)  
Complete three of the following:  
- AMH 3421 Early Florida (3)  
- AMH 3423 Modern Florida (3)  
- AML 4265 Florida Writers (3)  
- ANT 3312 Native American Cultures (3)  
- SYD 3440 Rural Sociology (3)  

### SPANISH Minor (21-22 hrs)
College of Arts & Sciences  
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)  
Complete one of the following:  
- SPW 3782 Hispanic Women Writers (3)  
- SYD 3810 Women in Contemp. Society (3)  
- SYD 3815 Soc. of Sex Roles and Gender (3)  
- SYD 3820 S Florida Sociocultural Systems (3)  
- SYD 3840 Rural Sociology (3)  
Complete three of the following:  
- SPN 1100 Beginning Spanish I (3)  
- SPN 1100L Beginning Spanish I Lab (3)  
- SPN 1101 Beginning Spanish II (3)  
- SPN 1101L Beginning Spanish II Lab (3)  
- SPN 2200 Intermediate Spanish I (3)  
- SPN 2200L Intermediate Spanish I Lab (1)  
- SPN 2201 Intermediate Spanish II (3)  
- SPN 2201L Intermediate Spanish II Lab (1)  
- SPN 3300 Composition (3)  
- SPN 3411 Advanced Oral Expression (3)  
Required Beginning and Intermediate courses (and their labs) can be exempted by obtaining an equivalency through a Spanish Placement Test offered by the Spanish Program. Determinations of equivalency will be made by the program faculty on the basis of this test. Students can then satisfy the minor by completing the required coursework from the following list or other courses, chosen with the approval of a program advisor:

### WOMEN’S STUDIES Minor (15 hrs)
College of Arts & Sciences  
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)  
Complete of the following:  
- AFA 4335 Women of Color in the US (3)  
- CCJ 4681 Domestic Violence (3)  
- SOP 3372 Psychology of Women (3)  
- SOP 3742 Social Psychology (3)  
- SPN 3500 Spanish Civilization & Culture (3)  
- SPN 3520 Latin Amer. Civ. & Culture (3)  
- SPN 3569 Latin American Women Writing (3)  
- SYD 3810 Women in Contemp. Society (3)  
- SYD 3815 Contemp. Theory of Gender (3)  
- SYD 3840 Rural Sociology (3)  
- SYD 4001 Soc. of Sex Roles and Gender (3)  
- SYD 4006 Oral Skills for Interpreters (3)  
- WST 4262 Lit.of Women of Color in US (3)  
- WST 3015 Intro. to Women’s Studies (3)  
- WST 3275 Women in the Dev. World (3)  
Complete two of the following (6 hours) or any additional 6 hours from the courses listed above not previously taken.

### Required Beginning and Intermediate courses (and their labs) can be exempted by obtaining an equivalency through a Spanish Placement Test offered by the Spanish Program. Determinations of equivalency will be made by the program faculty on the basis of this test. Students can then satisfy the minor by completing the required coursework from the following list or other courses, chosen with the approval of a program advisor:

### SPANISH Minor (21-22 hrs)
College of Arts & Sciences  
Web Address: [www.fgcu.edu/cas](http://www.fgcu.edu/cas)  
Complete one of the following:  
- AML 4265 Florida Writers (3)  
- AMH 3423 Modern Florida (3)  
- AMH 4428 Southwest Florida History (3)  
- BSC 1051C Environ Bio-SW Florida (3)  
- SYD 3625 S Florida Sociocultural Systems (3)  
Complete three of the following:  
- AMH 3421 Early Florida (3)  
- AMH 3423 Modern Florida (3)  
- AML 4265 Florida Writers (3)  
- ANT 3312 Native American Cultures (3)  
- SYD 3440 Rural Sociology (3)  
- SYD 3840 Rural Sociology (3)  
- SYD 3815 Soc. of Sex Roles and Gender (3)  
- SYD 3820 S Florida Sociocultural Systems (3)  
- SYD 3840 Rural Sociology (3)  
- SYD 4001 Soc. of Sex Roles and Gender (3)  
- SYD 4006 Oral Skills for Interpreters (3)  
- WST 4262 Lit.of Women of Color in US (3)  
- WST 3015 Intro. to Women’s Studies (3)  
- WST 3275 Women in the Dev. World (3)  
Complete two of the following (6 hours) or any additional 6 hours from the courses listed above not previously taken.
FGCU GRADUATE DEGREE PROGRAMS 2007-2008

Accounting and Taxation (M.S.)
Business Administration (M.B.A.)
  Finance Concentration
  General Management Concentration
  Information Systems Concentration
  Interdisciplinary Concentration
  Marketing Concentration
Business Administration (Executive M.B.A.)
  General Management Concentration
  Health Care Management Concentration
  Real Estate Development and Finance Concentration
Computer Information Systems (M.S.)
Counseling (M.A.)
  Mental Health Counseling Concentration
Counseling (M.A. or M.Ed.)
  School Counseling Concentration
Criminal Forensic Studies (M.S.)
  Forensic Behavioral Analyst Concentration
  Death Investigator Concentration
Criminal Justice (M.S.)
Curriculum & Instruction (M.A.)
  Educational Technology Concentration
  Interdisciplinary Topics Concentration
Curriculum & Instruction (M.Ed.)
  Educational Technology Concentration
  English Education Concentration
  Environmental Education Concentration
Educational Leadership (M.A.)
Educational Leadership (M.Ed.)
  Elementary School Concentration
  High School Concentration
  Middle School Concentration
  Special Education Concentration
Elementary Education (M.A.)
Elementary Education (M.Ed.)
  Early Childhood Education Concentration
  Elementary Curriculum Concentration
  Literacy in a Diverse Society Concentration
English (M.A.)
Environmental Science (M.S.)
Geriatric Recreational Therapy (M.S.)
Health Science (M.S.)
  Gerontology Concentration
  Health Professions Education Concentration
  Health Services Administration Concentration
History (M.A.)
Nursing (M.S.N.)
  Nurse Anesthesia Concentration
Nursing (M.S.N.)
  Clinical Nurse Leader Concentration
  Nurse Educator Concentration
  Primary Health Care Concentration
Occupational Therapy (M.S.)
  Entry-Level Concentration
  Post-Professional Concentration
Physical Therapy (M.S.)
Public Administration (M.P.A.)
  General Public Administration Concentration
  Management Concentration
  Environmental Policy Concentration
Reading (M.Ed.)
Social Work (M.S.W.)
  Special Education (M.Ed.)
ACCOUNTING AND TAXATION (M.S.)
Lutgert College of Business
Department of Accounting and Finance
Web Address: www.fgcu.edu/cob/grad/
Catalog Year 2007-2008

Admission Requirements
• A four year undergraduate degree from an accredited institution.
• Official copies of all academic transcripts and Graduate Management Admission Test (GMAT) scores.
• A minimum TOEFL score of 550 (paper-based) or 213 (computer-based) for international students from countries where English is not the primary language.
• One of the following:
  • A minimum grade point average of 3.0 (4.0 scale) in the last 60 credit hours of upper division (3-4000 level) undergraduate or graduate coursework.
  • A score of 500 or higher on the GMAT.
• Total points of 1050 (GPA x 200 + GMAT) with a GMAT score of at least 400.
• Complete 18 credit hours of upper division (3-4000 level) accounting courses and 27 credit hours of general business courses with at least 12 hours at the upper division (3-4000 level). See college advisor for a list of approved courses.

Application deadlines are June 1 for fall and November 1 for spring semesters. Prior to admission to a graduate program, students may complete a maximum of nine credit hours of graduate level courses on a non degree-seeking basis.

Degree Requirements

1. Track Requirements
   (18 hrs)
   (Note: Tracks are not listed on the transcript.) Select one track and complete the required coursework.
   A. Accounting Track
   Students select a minimum of two accounting (ACG) courses and at least one tax (TAX) course from the list of core courses below. One course must be an international course.

   B. Tax Track
   Students select the two tax (TAX) courses and at least one accounting (ACG) course from the list of core courses below. One course must be an international course.

   Core Courses for Tracks*
   ACG 6135 Accounting Theory (3)
   ACG 6255 International Accounting (3)
   ACG 6405 Adv Accounting Information Systems (3)
   TAX 6045 Tax Research & Planning (3)
   TAX 6525 International Tax Issues (3)

   Accounting and Tax Electives for Tracks*
   After the selection of three or more Core courses, the balance of the 18 credit hours required must be selected from the following courses:
   ACG 5655 Independent Audit II (3)
   ACG 6205 Acctg for Complex Organizations (3)
   ACG 6905 Directed Study in Accounting (3)
   ACG 6935 Special Topics in Accounting (3)
   TAX 6015 Corporate Tax Issues (3)
   TAX 6205 Flow Through Entities (3)
   TAX 6405 Estate & Gift Tax Issues (3)
   TAX 6877 Special Topics in Taxation (3)

   *Core courses plus Accounting and Tax Electives must total at least 18 hours.

2. Restricted Electives
   (12 hrs)
   Students must complete 12 credit hours of approved graduate level business courses outside the areas of accounting and taxation. At least two, but not more than three courses must be from the same area. See college advisor for approval.

TOTAL SEMESTER HOURS REQUIRED

30 HRS

Additional Graduation Requirements
• Complete a minimum of 30 credit hours.
• Earn a cumulative GPA of 3.0 for all coursework in the program.
• Satisfy all degree requirements within 7 years from the time of admission to the program.

Transfer Notes
A maximum of 6 credit hours of approved coursework may be transferred from a regionally accredited institution. All transfer courses must have been completed within the last 5 years with a grade of B or higher and are subject to the approval of the Graduate Program Coordinator.

BUSINESS ADMINISTRATION (M.B.A.)
Lutgert College of Business
Web Address: www.fgcu.edu/cob/
Catalog Year 2007-2008

Admission Requirements
• A four year undergraduate degree from an accredited institution.
• Official copies of undergraduate transcripts and Graduate Management Admission Test (GMAT) scores.
• A minimum TOEFL score of 550 (paper-based) or 213 (computer-based) for international students from countries where English is not the primary language.
• One of the following:
  • A minimum grade point average of 3.0 (4.0 scale) in the last 60 credit hours of upper division (3-4000 level) undergraduate or graduate coursework.
  • A score of 500 or higher on the GMAT.
• Total points of 1050 (GPA x 200 + GMAT) with a GMAT score of at least 400.
• Proficiency in basic computer technology.

Application deadlines are June 1 for fall and November 1 for spring semesters. Prior to admission to a graduate program, students may complete a maximum of 9 credit hours of graduate level courses on a non degree-seeking basis.

Degree Requirements

1. Foundation Courses
   (24 hrs)
   ACG 6025 Acctg Fundamentals for Managers (3)
   ECO 5005 Foundations of Economics (3)
   FIN 5405 Foundations of Business Finance (3)
   ISM 6021 Management Information Systems (3)
   MAN 6055 Contemporary Mgt Concepts (3)
   MAR 6815 Marketing Management (3)
   QMB 6305 Statistical Methods for Mgt (3)
   QMB 6603 Quantitative Methods in Business (3)

2. Core Courses
   (21 hrs)
   ACG 6075 Managerial Accounting (3)
   FIN 6406 Financial Management (3)
   MAN 6266 The Challenge of Leadership (3)
   MAN 6501 Operations Management (3)
   MAN 6607 Global Organizational Issues (3)
   MAR 6807 Adv Marketing Analysis & Strategy (3)
3. Concentration Requirements (9 hrs)
   Select one of the following concentrations:

   A. Finance Concentration
      FIN 6246 Financial Management (3)
      FIN 6515 Corporate Finance (3)
      FIN 6525 Portfolio Management (3)
      See college advisor for approval of additional FIN and REE courses.

   B. General Management Concentration
      MAN 6289 Org. Development & Change (3)
      Plus 3 hours of approved electives in management
      See college advisor for a list of approved courses.

   C. Information Systems Concentration
      ISM 6488 Mgt of eBusiness Infrastructures (3)
      Select two courses from the following:
      ISM 6121 Info Requirements Analysis (3)
      ISM 6155 Enterprise Computing Strategy (3)
      ISM 6316 Project Management (3)
      See college advisor for approval of additional ISM courses.

   D. Interdisciplinary Concentration*
      In consultation with the college advisor, students may select 9 hours of electives from two or more disciplines in business.

   E. Marketing Concentration
      MAR 6646 Advanced Marketing Research (3)
      Plus 6 hours of approved electives in marketing
      See college advisor for a list of approved courses.

   *Note: The MBA program with an Interdisciplinary concentration is available by distance education. See college advisor for additional information.

TOTAL SEMESTER HOURS REQUIRED 54 HRS

Additional Graduation Requirements
- Complete a minimum of 30 credit hours. Note: A maximum of 24 credit hours of Foundation courses may be waived by equivalent undergraduate or graduate courses completed at a regionally accredited institution within the last 5 years with a grade of C or higher. Without waivers, the program length is 54 credit hours.
- Earn a cumulative GPA of 3.0 for all coursework in the program.
- Satisfy all degree requirements within 7 years from the time of admission to the program.

Transfer Notes
A maximum of 6 credit hours of approved coursework may be transferred from a regionally accredited institution. All transfer courses must have been completed within the last 5 years with a grade of B or higher and are subject to the approval of the Graduate Program Coordinator.
1. Prerequisite Courses
   - A four year undergraduate degree from an accredited institution.
   - Official copies of undergraduate transcripts and Graduate Management Admission Test (GMAT) scores.
   - A minimum TOEFL score of 550 (paper-based) or 213 (computer-based) for international students from countries where English is not the primary language.
   - One of the following:
     * A minimum grade point average of 3.0 (4.0 scale) in the last 60 credit hours of upper division (3-4000 level) undergraduate or graduate coursework.
     * A score of 500 or higher on the GMAT.
   - Total points of 1050 (GPA x 200 + GMAT) with a GMAT score of at least 400.
   - Complete 15 credit hours of undergraduate prerequisite courses as listed below.

Application deadlines are June 1 for fall and November 1 for spring semesters. Prior to admission to a graduate program, students may complete a maximum of 9 credit hours of graduate level courses on a non degree-seeking basis.

Degree Requirements
1. Prerequisite Courses
   - 6 credit hours of Programming Language
     ISM 3011 Information Systems (3)
     ISM 3212 Database Concepts & Admin (3)
     ISM 3220 Data Communications (3)

2. Business Foundation Courses
   - 9 hrs
     ACG 6025 Acctg Fundamentals for Managers (3)
     MAN 6055 Contemporary Mgt Concepts (3)
     QMB 6305 Statistical Methods for Mgt (3)

3. Information Systems Core Courses
   - 18 hrs
     ISM 6121 Info Requirements Analysis (3)
     ISM 6155 Enterprise Computing Strategy (3)
     ISM 6217 Database Concepts & Admin (3)
     ISM 6231 Network Development & Mgt (3)
     ISM 6239 Adv Application Development (3)
     ISM 6316 Project Management (3)

4. Restricted Electives
   - 12 hrs
     Select 12 credit hours from the following courses, two of which must be outside the area of CIS:
     ECO 5005 Foundations of Economics (3)
     ISM 5405 Decision Support Systems Applications (3)
     ISM 5910 Directed Independent Studies (3)
     ISM 5930 Topics in Computer Info Systems (3)
     ISM 6122 Information Systems Design (3)
     ISM 6337 Tech Documentation for IS Prof (3)
     ISM 6488 Mgt of eBusiness Infrastructures (3)
     ISM 6946 Practicum in CIS (3)
     MAN 6289 Org Development & Change (3)

Software and Decision Sciences
Department of Computer Information Systems and Decision Sciences
Web Address: www.fgcu.edu/cob/
Catalog Year 2007-2008

Admission Requirements
- Complete 15 credit hours of undergraduate prerequisite courses as listed below.
- Participate in a personal interview, if requested by admissions committee.
- Submission of a written statement of career goals.
- Submission of three favorable recommendations from professionals in the field.
- A four year undergraduate degree from an accredited institution.
- A minimum grade point average of 3.0 (4.0 scale) in the last 60 credit hours of upper division (3-4000 level) undergraduate or graduate coursework.
- A score of 500 or higher on the GMAT.
- Total points of 1050 (GPA x 200 + GMAT) with a GMAT score of at least 400.
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Software and Decision Sciences
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Software and Decision Sciences
Department of Computer Information Systems and Decision Sciences
Web Address: www.fgcu.edu/cob/
Catalog Year 2007-2008

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Software and Decision Sciences
Department of Computer Information Systems and Decision Sciences
Web Addre
Additional Graduation Requirements

- Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
- A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
- Overall GPA of 3.0 or higher in all work attempted.
- A cumulative GPA of 3.0 or higher for all coursework in program.
- Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)

Transfer Notes

The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

COUNSELING (M.A. OR M.ED.)

- School Counseling Concentration

College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2007-2008

Admission Requirements

- A four year undergraduate degree from an accredited institution.
- Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information).

Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.
- Submission of three favorable recommendations from professionals in the field.
- Students who are entering an initial education certification program without prior teacher certification or eligibility or those who are adding a teaching certification area from an approved program must also have passed all subsections of CLAST, FTCE General Knowledge Test, or Praxis I for admission. Applicants may substitute a score of 1000 or higher on the GRE for the admission score requirement.
- As students entering a Florida-approved initial certification program, School Counseling applicants must adhere to state regulations for admittance. Those students seeking admittance to the initial certification program must have passed the General Knowledge section of the Florida Teachers Certification Exam (FTCE) unless they present passing scores for all subsets of the CLAST taken prior to July 1, 2002. (Applicants may substitute a score of 1000 or higher on the GRE for the General Knowledge section of the FTCE for admission purposes.) However, all students must show evidence of passing all subsections of the FTCE, including General Knowledge, prior to graduation.
- Submission of a written statement of career goals.
- Participation in a personal interview, if requested by admissions committee.

Degree Requirements for the M.Ed. (48 hrs)

Designed for school counselors who already hold or are eligible for a teaching certificate. Normally, students begin their studies in the spring semester.

Required courses:

- MHS 6010 Introduction to School Counseling (3)
- MHS 6051 Human Development for School Counselors (3)
- MHS 6200 Appraisal Procedures in Schools (3)
- MHS 6340 Career Development (3)
- MHS 6400 Counseling Theory for School Counselors (3)
- MHS 6401 Advanced School Counseling Methods (3)
- MHS 6500 Group Work for School Professionals (3)
- MHS 6601 Consultation & Collaboration Problem Solving (3)
- MHS 6605 Special Needs Counseling & Consultation (3)
- MHS 6700 Legal & Ethical Issues in the Counseling Profession (3)
- MHS 6710 Research & Program Evaluation (3)
- MHS 6720 Seminar in Professional Development and Supervision (1)
- MHS 6800 Practicum in Counseling (2)
- MHS 6805 Advanced Practicum in Counseling (3)
- MHS 6831 Internship I (2)
- MHS 6832 Internship II (3)
- SDS 6830 Internship in School Counseling (4)

Degree Requirements for the M.A. (54 hrs)

Designed for individuals without prior teaching certification who wish to become school counselors. This initial certification program includes additional coursework and begins in the fall semester.

In addition to the above required courses for the M.Ed. in Counseling, the following must be completed (usually taken in the fall semester but under advisement a student may elect to take two courses in fall and the remaining course in a subsequent semester):
Additional Graduation Requirements

- Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
- A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
- Overall GPA of 3.0 or higher in all work attempted.
- A cumulative GPA of 3.0 for all coursework in program.
- Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)
- Students seeking certification by graduating from a state approved program must take and pass all FTCE exam components as required by the state of Florida. These may include the Professional Education examination (taken by all applicants applying for an initial teaching certificate, a subject area examination (taken by all applicants in their subject area specialty), and the General Knowledge Test (if they do not already have Florida certification or if they have not already passed all subsections of the CLAST prior to July 1, 2002.) (See individual program requirements and/or advisors for information.)

Transfer Notes

The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to graduation from the graduate program.

CRIMINAL FORENSIC STUDIES (M.S.)
College of Professional Studies
Division of Justice Studies
Web Address: http://cps.fgcu.edu/cj/index.html
Catalog Year 2007-2008

Admission Requirements

- Submit a completed FGCU Graduate Application.
- Submit a completed Immunization History Form.
- Provide evidence of a baccalaureate degree from an accredited institution of higher learning and supply one official transcript from each baccalaureate and/or graduate institution attended.
- Submit an official copy of the Graduate Record Exam (GRE) taken within the last five years with a combined quantitative and verbal score of 1100.
- Provide evidence of an undergraduate GPA of 3.25.
- Complete of the following undergraduate courses or equivalent:
  - ANT 3520 Forensic Anthropology
  - CCJ 3603 Forensic Psychology
  - CCJ 3670 Introduction to Criminalistics
  - CCJ 4674 Advanced Forensic Psychology
  - CJE 4641 Advanced Criminalistics
  - For international applicants for whom English is a second language, submit a score of 550 or higher on the Test of English as a Foreign Language (TOEFL).
- Submit a completed Criminal Forensic Studies Supplemental Application Form including:
  - Three completed reference rating forms/letters of recommendation from persons qualified to judge the applicant's academic and professional potential.
  - A letter of Application/Statement of Career Goals, no more than two pages in length, that specifies the student's area of concentration: (a) Forensic Behavior Analyst, or (b) Death Investigator (Criminalistics or Human Identity and Trauma Analysis). The letter should also briefly discuss the influences that led you to the section of FGCU's M.S. in Criminal Forensic Studies program, career goals, relevant work and/or academic experience.

Degree Requirements

1. Required Courses in the Major Core (12 hrs)
   - CCJ 6707 Advanced Quantitative Research Methods (3)
   - CJE 6629 Master's Integrative Project (6)
   - CJL 6621 Criminal Evidence and Courtroom Testimony (3)

2. Electives in the Major (12 hrs)
   - Select 6 hours from the following:
     - CCJ 6940 Crime Scene Investigation Practicum (6)
     - CCJ 6941 Forensic Behavioral Analysis Practicum (6)
     - CJE 6748 Human Identity Practicum (6)

3. Concentration Requirements (18 hrs)
   - Select one of the following concentrations:
     - A. Forensic Behavioral Analyst Concentration
       - CCJ 6606 Social Constructs of Crime (3)
       - CCJ 6709 Advanced Qualitative Research Methods (3)
       - CCJ 6711 Classical Theory & Current Research in Violent Behavior (3)
       - PSB 6244 Neurobiological Bases of Behavior (3)

   Plus 6 hours of electives from the following:
   - The non-selected concentration.
   - CCJ 6930 Special Topics in Criminal Forensic Studies.
   - Courses outside of the Criminal Forensic Studies program, on a case-by-case basis, with prior approval of the faculty advisor.

   B. Death Investigator Concentration
   - CJE 6622 Crime Scene & Laboratory Mgmt. (3)
   - CJE 6645 Medicolegal Death Investigation I (3)
   - CJE 6646 Medicolegal Death Investigation II (3)

   Plus 9 hours of electives from the following:
   - The non-selected concentration.
   - CCJ 6930 Special Topics in Criminal Forensic Studies.
• Courses outside of the Criminal Forensic Studies program, on a case-by-case basis, with prior approval of the faculty advisor.

*Students are not permitted to enroll in additional sections of Practicum, Independent Research, or Integrative Project.

TOTAL SEMESTER HOURS REQUIRED 42 HRS

CRIMINAL JUSTICE (M.S.)
College of Professional Studies
Division of Justice Studies
Web Address: http://cps.fgcu.edu/cj/
Catalog Year 2007-2008

Admission Requirements
• A baccalaureate degree from an accredited institution of higher learning.
• Completion of the Graduate Record Exam (GRE) within the last five years with a combined score of quantitative and verbal sections of 900.
• An undergraduate GPA of 3.0 (scale of 4.0).
• A score of 550 or higher on the Test of English as a Foreign Language (TOEFL for international applicants for whom English is a second language.

Required Application Materials
• A completed FGCU Graduate Application.
• One official transcript from each baccalaureate and/or graduate institution attended.
• One official copy of test scores on the GRE.
• Three completed reference rating forms/letters of recommendation from persons qualified to judge the applicant's academic and professional potential
• An immunization history form.
• Personal Aspiration Statement 300-500 words.
• Interview.

Degree Requirements
1. Required Core Courses (27 hrs)
PAD 6207 Public Budgeting (3)
PAD 6417 Public Personnel Administration (3)
CCJ 6485 Criminal Justice Policy (3)
CCJ XXXX Research Methodology in Criminal Justice (3)
CCJ XXXX Legal Aspects of Criminal Justice Management (3)
CCJ XXXX Criminal Justice Theory (3)
CCJXXX Seminar: Management and Administration of Justice (3)
CCJ XXXX Ethics in Criminal Justice Management (3)
CCJ XXXX Media and Community Relations for Criminal Justice Administrators (3)

2. Additional Required Courses (9 hrs)
A. Thesis Option
CCJ XXXX Data Analysis in Criminal Justice (3)
CCJ XXXX Thesis in Criminal Justice (3)
Restricted elective* (3)

B. Integrated Project Option
CCJ XXXX Project in Criminal Justice (3)
Restricted elective* (6)

2. Restricted Electives* CCJ 6501 Juvenile Justice Policy (3)
CJC XXXX Correctional Organization and Administration (3)

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Graduation Requirements
• Apply for graduation by the deadline indicated in the University calendar.
• Earn a minimum of 36 credit hours as required in the degree program with a minimum of a 3.0 GPA on a 4.0 scale.
• A minimum of a 70% on the Core Comprehensive Examination.
• Successful completion of the Thesis or Integrated Project paper.

CURRICULUM AND INSTRUCTION
(M.A.)
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2007-2008

Admission Requirements
• A four year undergraduate degree from an accredited institution.
• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information).
• Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.
• Submission of three favorable recommendations from professionals in the field.
• Students who are entering an initial education certification program without prior teacher certification or eligibility or those who are adding a teaching certification area from an approved program must also have passed all subsections of CLAST, FTCE General Knowledge Test, or Praxis I for admission. Applicants may substitute a score of 1000 or higher on the GRE for the admission score requirement.

Degree Requirements
1. Required Courses in the Major (12 hrs)
EDF 6215 Learning Principles Applied to Instruction (3)
EDF 6481 Foundations of Educational Research (3)
EDF 6606 Socio-Econ Foundations of Education (3)
EDG 6627 Foundations of Curriculum & Instruction (3)

2. Concentration Requirements (27 hrs)
Select one of the following concentrations:
A. Educational Technology Concentration
CGS 6210 Microcomputer Hardware Systems for
Additional Graduation Requirements

• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.

• A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.

• Overall GPA of 3.0 or higher in all work attempted.

• A cumulative GPA of 3.0 for all coursework in program.

Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)

• Students seeking certification by graduating from a state approved program must take and pass all FTCE exam components as required by the state of Florida. These may include the Professional Education examination (taken by all applicants applying for an initial teaching certificate, a subject area examination (taken by all applicants in their subject area specialty), and the General Knowledge Test (if they do not already have Florida certification or if they have not already passed all subsections of the CLAST prior to July 1, 2002.) (See individual program requirements and/or advisors for information.)

Transfer Notes

The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

CURRICULUM AND INSTRUCTION
(M.Ed.)

College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2007-2008

Admission Requirements

• A four year undergraduate degree from an accredited institution.

• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information). Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.

• Submission of three favorable recommendations from professionals in the field.

• Certification in an appropriate teaching field.

Degree Requirements

1. Required Courses in the Major (12 hrs)

EDF 6215 Learning Principles Applied to Instruction (3)
EDF 6481 Foundations of Educational Research (3)
EDG 6627 Foundations of Curriculum & Instruction (3)
EDF 6606 Socio-Econ Foundations of Education (3)
### 2. Concentration Requirements (27 hrs)

Select one of the following concentrations:

- **A. Educational Technology Concentration**
  
  - EME 5054 Introduction to Educational Technology (3)
  - EME 6207 Web Design & Development (3)
  - CGS 6210 Microcomputer Hardware Systems for Education (3)
  - EDF 6284 Tools & Processes for Instruction (3)

  Select one of the following:
  
  - EME 6225 Methods of Integrating Tech: PK-8 (3)
  - EME 6405 Methods of Integrating Tech: 6-12/Adult (3)
  - SCE 6366 Methods of Integrating Tech: PK-6 (3)
  - EME 6408 Advanced Technology Applications: Logo-Robotics for K-12 (3)
  - EME 6413 Advanced Technology Applications: Internet Resources K-12
  - EME 6403 Introduction to Networking (3)
  - EME 6930 Introduction to Programming Language (3)

  Complete 3 hours of the following:
  
  - EME 6938 Capstone Seminar (1-3 hours)

  Candidates will design and complete a scholarly project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the core courses of the C & I program and the student’s concentration. Students may register for up to two additional hours in subsequent semesters. Continuous enrollment must be maintained from the beginning of the project until its completion. Project must be completed within one calendar year of its inception.

- **B. English Education Concentration**
  
  - LAE 6326 Language Arts Methods: 6-12 (3)
  - LAE 6465 Adolescent Literature (3)
  - LAE 6337 Reading & Writing in the Content Areas (3)

  Select 5 of the following:
  
  - LAE 5295 Writing Workshop I (3)
  - LAE 6923 Writing Workshop II (3)
  - TSL 6135 Teaching Academic Content to ESOL Students: 6-12 (3)
  - RED 6116 Foundations of Reading Instruction (3)
  - RED 6544 Issues in Comprehension and Cognition (3)
  - RED 6656 Instruction for Struggling Readers (3)
  - EME 6405 Methods of Integrating Tech: 6-12/Adult (3)

  Complete 3 hours of the following:
  
  - LAE 6790 Capstone Seminar (1-3 hours)

  Candidates will design and complete a scholarly project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the core courses of the C & I program and the student’s concentration. Students may register for up to two additional hours in subsequent semesters. Continuous enrollment must be maintained from the beginning of the project until its completion. Project must be completed within one calendar year of its inception.

- **C. Environmental Education Concentration**
  
  - SCE 6336 Methods in Secondary Science Education 6-12 (3)
  - SCE 5937 Special Topics: Field-Based Methods (3)
  - EDS 5414 Interpreting the Environment (3)
  - EVR 6322 Concepts and Applications of Sustainability (3)
  - EVR 6925 Environmental Education for a Sustainable Future (3)
  - URP 6421 Environmental Planning (3)
  - OCB 6635 Estuarine Ecology (3)

  Select three of the following:
  
  - OCB 6646 Marine Biogeography (3)
  - OCB 6053 Coastal and Watershed Geology (3)

  Complete 3 hours of the following:
  
  - SCE 6849 Capstone Seminar (3 hours)

  Candidates will design and complete a scholarly project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the core courses of the C & I program and the student’s concentration. Students may register for up to 2 Additional hours in subsequent semesters. Continuous enrollment must be maintained from the beginning of the project until its completion. Project must be completed within one calendar year of its inception.

### TOTAL SEMESTER HOURS REQUIRED 39 HRS

#### Additional Graduation Requirements

- **Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.**
- **A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.**
- **Overall GPA of 3.0 or higher in all work attempted.**
- **A cumulative GPA of 3.0 for all coursework in program.**
- **Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)**

### Transfer Notes

The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

### EDUCATIONAL LEADERSHIP (M.A.)

**College of Education**

**Division of Graduate Studies**

**Web Address:** www.coe.fgcu.edu/

**Catalog Year 2007-2008**

#### Admission Requirements

- **A four year undergraduate degree from an accredited institution.**
- **Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information). Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.**
- **Submission of three favorable recommendations from professionals in the field.**
- **Students who are entering an initial education certi-
EDUCATIONAL LEADERSHIP (M.Ed.)

College of Education
Division of Graduate Studies

Web Address: www.coe.fgcu.edu/
Catalog Year 2007-2008

This program prepares students for Educational Leadership certification by the Florida Department of Education.

Admission Requirements

• A four year undergraduate degree from an accredited institution.
• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information).

Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.

• Submission of three favorable recommendations from professionals in the field.
• Students who are entering an initial education certification program without prior teacher certification or eligibility or those who are adding a teaching certification area from an approved program must also have passed all subsections of CLAST, FTCE General Knowledge Test, or Praxis I for admission. Applicants may substitute a score of 1000 or higher on the GRE for the admission score requirement.

Degree Requirements

1. Required Courses in the Major  (27 hrs)
EDA 6061 Principles of Educational Leadership (3)
EDA 6192 Organizational Development (3)
EDA 6232 School Law (3)
EDA 6242 School Finance (3)
EDA 6945 Practicum in Educational Leadership (3)
EDG 6481 Foundations of Educational Research (3)
EDG 6627 Foundations of Curriculum & Instruction (3)
EDS 6050 Human Resources Development (3)
EME 6425 Technology for School Leaders (3)

2. Restricted Electives  (12 hrs)
Select 12 hours of electives at the 5000 level or above from inside or outside the College of Education, as approved by the advisor.

TOTAL SEMESTER HOURS REQUIRED 39 HRS

Additional Graduation Requirements

• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
• A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
• Overall GPA of 3.0 or higher in all work attempted.
• A cumulative GPA of 3.0 for all coursework in program.
• Final program completion is assessed through portfolio assessment.

Transfer Notes

The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to graduation from the graduate program.
Additional Graduation Requirements

• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
• A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
• Overall GPA of 3.0 or higher in all work attempted.
• A cumulative GPA of 3.0 for all coursework in program.
• Final program completion is assessed through portfolio assessment.

Transfer Notes
The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

ELEMENARY EDUCA TION (M.A.)
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2007-2008

Admission Requirements

• A four year undergraduate degree from an accredited institution.
• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information).
• Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.
• Submission of three favorable recommendations from professionals in the field.
• Students who are entering an initial education certification program without prior teacher certification eligibility or those who are adding a teaching certification area from an approved program must also have passed all subsections of CLAST, FTCE General Knowledge Test, or Praxis I for admission. Applicants may substitute a score of 1000 or higher on the GRE for the admission score requirement.
• Completion of EDF 6432 Foundations of Measurement or equivalent. If not taken prior to admission, must be completed prior to graduation from the program.

Degree Requirements

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<thead>
<tr>
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<th>Credits</th>
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<td>Seminar in Curriculum Research</td>
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</tr>
<tr>
<td>EDF 6215</td>
<td>Learning Principles Applied to Instruction</td>
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</tr>
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<td>Elementary School Curriculum &amp; Instruction</td>
<td>3</td>
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<td>Socio-Economic Foundations of Education</td>
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<td>Literature and the Learner</td>
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<tr>
<td>MAE 6115</td>
<td>Current Trends in Elementary Mathematics</td>
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</tr>
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<td>EDF 6259</td>
<td>Classroom Mgmt and Organization</td>
<td>3</td>
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<tr>
<td>RED 5147L</td>
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TOTAL SEMESTER HOURS REQUIRED 39 HRS

Admission Requirements

• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
• A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
• Overall GPA of 3.0 or higher in all work attempted.
• A cumulative GPA of 3.0 for all coursework in program.
• Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)
• Students seeking certification by graduating from a state approved program must take and pass all FTCE exam components as required by the state of Florida. These may include the Professional Education examination (taken by all applicants applying for an initial teaching certificate, a subject area examination (taken by all applicants in their subject area specialty), and the General Knowledge Test (if they do not already have Florida certification or if they have not already passed all subsections of the CLAST prior to July 1, 2002.) (See individual program requirements and/or advisors for information.)

Transfer Notes
The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

ELEMENARY EDUCA TION (M.Ed.)
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2007-2008

Admission Requirements

• A four year undergraduate degree from an accredited institution.
• Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information).
• Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.

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course(s) if they do not have the necessary prerequisites for the graduate level course or program.

- Submission of three favorable recommendations from professionals in the field.
- Students who are entering an initial education certification program without prior teacher certification or eligibility or those who are adding a teaching certification area from an approved program must also have passed all subsections of CLAST, FTCE General Knowledge Test, or Praxis I for admission. Applicants may substitute a score of 1000 or higher on the GRE for the admission score requirement.
- Completion of EDF 6432 Foundations of Measurement or equivalent. If not taken prior to admission, must be completed prior to graduation from the program.

Degree Requirements

1. Required Courses in the Major (9 hrs)
   - EDF 6481 Foundations of Educational Research (3)
   - EDG 6935 Seminar in Curriculum Research (3)
   - EDF 6215 Learning Principles Applied to Instruction (3)

2. Concentration Requirements (24 hrs)

Select one of the following concentrations:

A. Early Childhood Education Concentration
   - EEC 6405 Home-School-Community Interaction (3)
   - EEC 6406 Social Growth in Childhood (3)
   - EEC 6705 Intellectual Growth in Childhood (3)
   - LAE 6616 Trends in Language Arts Instruction (3)
   - MAE 6115 Current Trends in Elementary Mathematics Education (3)
   - SCS 6616 Trends in Science Instruction (3)
   - SSE 6617 Trends in Social Studies Instruction (3)
   - Select one of the following:
     - LAE 6415 Literature and the Learner (3)
     - LAE 5316 Trends in Literature Diverse Society (3)
   - Select three of the following:
     - EDE 6502 Effective Teaching Methods for an Inclusive Classroom (3)
     - EDE 6906 Independent Study: Elementary/Early Childhood Education (3)
     - EDG 6931 Selected Topics in Education (3)
     - LAE 6315 Teaching Writing in Elementary Classroom (3)
     - LAE 5295 Writing Workshop (3)
     - RED 6116 Foundations of Reading Instruction (3)
     - RED 6540 Assessment in Literacy (3)
     - RED 6544 Issues in Comprehension and Cognition (3)
     - RED 6545 Issues in Vocabulary and Word Study (3)
   - C. Literacy in a Diverse Society Concentration
     - EEX 6248 Instructional Approaches for Exceptional Populations (3)
     - LAE 6616 Trends in Language Arts Instruction (3)
     - RED 6544 Issues in Comprehension & Cognition (3)
     - RED 6656 Instruction for Struggling Readers (3)
     - TSL 5371 Methods of Teaching English as a Second Language (3)
     - TSL 5525 Cross-Cultural Issues in ESL (3)
   - TSL 5142 Curriculum and Materials Development in ESOL Programs (3)
   - LAE 5316 Trends in Literature Diverse Society (3)

TOTAL SEMESTER HOURS REQUIRED 33 HRS

Additional Graduation Requirements

- Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
- A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
- Overall GPA of 3.0 or higher in all work attempted.
- A cumulative GPA of 3.0 for all coursework in program.
- Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)
- Students seeking certification by graduating from a state approved program must take and pass all FTCE exam components as required by the state of Florida. These may include the Professional Education examination (taken by all applicants applying for an initial teaching certificate, a subject area examination (taken by all applicants in their subject area specialty), and the General Knowledge Test (if they do not already have Florida certification or if they have not already passed all subsections of the CLAST prior to July 1, 2002.) (See individual program requirements and/or advisors for information.)

Transfer Notes

The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

ENGLISH (M.A.)

College of Arts and Sciences
Department of Language and Literature
Web Address: www.fgcu.edu/cas//
Catalog Year 2007-2008

- A baccalaureate degree in English or a related field from a regionally accredited college or university;
  - One of the following:
    - A cumulative undergraduate GPA of 3.0
    - A combined score of at least 1000 on the GRE;
    - A minimum TOEFL score of 550 (paper-based) or 213 (computer-based) for international students from countries where English is not the primary language.
  - The names (include contact information) of two college or university faculty members who will serve as references in support of your application;
  - A statement of personal goals (indicate whether you are interested in a teaching assistantship);
  - At writing sample of 8-10 pages.

Degree Requirements

1. Required Courses in the Major (3 hrs)

Complete the following:
- ENG 6058 Literature, Language, and Society (3)
- ENG 6966 Master’s Comprehensive Exam (0)
2. Restricted Electives (30 hrs) Complete 6 hours of the following:
AML 6017 Studies in the Literature of the US before 1900 (3)
AML 6027 Studies in the Literature of the US after 1900 (3)
AML 6268 Regional US Literature (3)
AML 6305 Major US Authors (3)
AML 6930 Special Topics in the Literature and Culture of the US (3)

Complete 6 hours of the following:
ENL 6305 Major British Authors (3)
ENL 6335 Studies in Shakespeare (3)
ENL 6507 Studies in British Literature before 1900 (3)
ENL 6508 Studies in British Literature after 1900 (3)
ENL 6930 Special Topics in British Literature (3)

Complete 6 hours of the following:
LIT 6066 Studies in Comparative Literature (3)
LIT 6096 Studies in Contemporary Literature (3)
LIT 6406 Seminar in Interdisciplinary Literature (3)
LIT 6411 Seminar in Environmental Philosophy (3)
LIT 6436 Seminar in Environmental Literature (3)
LIT 6806 Literature as Cultural Study (3)
LIT 6930 Special Topics in Literary Study (3)

Complete 12 hours of the following:
AML 6907 Directed Individual Study (3)
AML 6910 Directed Research (3)
CRW 6130 Fiction Writing Workshop (3)
CRW 6331 Poetry Writing Workshop (3)
CRW 6907 Directed Individual Study (3)
CRW 6910 Directed Research (3)
CRW 6930 Special Topics in Creative Writing (3)
ENC 6317 Article and Essay Workshop (3)
ENG 6917 Thesis (1-3)
ENL 6907 Directed Individual Study (3)
ENL 6910 Directed Research (3)
LIT 6907 Directed Individual Study (3)
LIT 6910 Directed Research (3)

- Any additional AML, ENL, or LIT course numbered 5000 or higher not being used to fulfill the distribution requirement above.
- Up to six credits chosen from other departments with written approval of the English Graduate Studies Coordinator.

*Composition Teaching Assistants must complete this course prior to receiving a teaching assignment.

TOTAL SEMESTER HOURS REQUIRED 33 HRS

Additional Graduation Requirements
- A minimum of 33 credit hours.
- A cumulative GPA of 3.0 for all coursework in program.
- Each course for this program must be completed with a grade of C or better.
- Successful completion of all policies and procedures outlined in the English Program Graduate Student Handbook.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

Transfer Notes
A maximum of 9 credits of course work may be transferred from other institutions, subject to approval of the English Graduate Studies Coordinator.

ENVIRONMENTAL SCIENCE (M.S.)
College of Arts and Sciences
Department of Marine and Ecological Sciences
Web Address: www.fgcu.edu/cas/envsci/
Catalog Year 2007-2008

Admission Requirements
- A cover letter of introduction
- A statement of research goals (two page maximum; intended to identify a potential research discipline).
- A four year undergraduate degree from an accredited institution.
- Official copies of undergraduate transcripts and scores from the General Graduate Record Examination (GRE). GRE subject exam is not required. A minimum of 400 on the verbal and quantitative sections of the GRE and a combined score minimum of 1000.
- A minimum TOEFL score of 550 (paper-based) or 213 (computer-based) for international students from countries where English is not the primary language.
- A minimum grade point average of 3.0 (4.0 scale) for up to the last 60 semester hours of upper division undergraduate or graduate coursework.
- At least two letters of recommendation from people familiar with your academic and research potential.

Degree Requirements

1. Prerequisite Courses
General Ecology
Introductory Statistics

2. Required Courses in the Major (16-18 hrs)
Select 3 hours from the following:
PCB 6064C Advanced Ecology (3)
Complete the following:
EVR 6022 Environmental Research Methodology (3)
EVS 6920 Graduate Seminar in Current Topics (1)
EVS 6970 Master’s Thesis (total of 6-8 credits)
Select 3 hours from the following:
EVS 6322 Concepts and Applications of Sustainability (3)
EVS 6937 Environmental Policy (3)
PAD 5620 Environmental Law (3)
URP 6421 Environmental Planning (3)

3. Restricted Electives (18-20 hrs)
Select a minimum of 18 hours from the following:
ECOT 6055 Ecotoxicology (3)
EVR 6907 Independent Graduate Study in Environmental Science (this course may be taken more than once) (1-3)
EVR 6936 Special Topics in Graduate Study in Environmental Science (this course may be taken more than once for other topics) (3)
EVS 6941 Environmental Practicum (3-6)
GLY 5575 Coastal and Estuarine Sediment Dynamics (3)
GLY 5658 Geobiology (3)
GLY 6566 Carbonate Sedimentology, Petrology and Stratigraphy (3)
OCB 6646 Marine Biogeography (3)
OCC 6931 Special Topics in Ichthyology (3)
OCC 5115C Advanced Marine Chemistry (3)
OCG 6053 Coastal and Watershed Geology (3)

Policy / Management / Education Electives
None are required but no more than 6 credits hours are
permitted
EVR 5414 Interpreting the Environment (3)
EVR 5925 Environmental Education for a Sustainable Future (3)
EVR 6322 Concepts and Applications of Sustainability (3)
EVS 6937 Environmental Policy (3)
PAD 5620 Environmental Law (3)
URP 6421 Environmental Planning (3)

Transfer Notes
A maximum of 9 credits of course work may be transferred from other institutions, subject to approval of the Graduate Studies Coordinator.

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Graduation Requirements
- A minimum of 36 credit hours.
- A cumulative GPA of 3.0 for all coursework in program.
- Successful completion of each core course requires a grade of B or better.
- Elective courses require a grade of C or better.
- Provide 2 signed, bound copies of the student’s thesis, one to the FGCU library and the other to the Department of Marine and Ecological Sciences.
- Each student must have a graduate committee composed of a minimum of 3 individuals, 2 of which must be part of the graduate faculty in Environmental Science.
- Submit an application to graduate to CAS Advising by the deadline listed in the FGCU Academic Calendar.

GERIATRIC RECREATIONAL THERAPY (M.S.)
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2007-2008

Coursework for this program is offered by distance learning.

Admission Requirements
The College of Health Professions has a selective admissions policy. Admission requirements include, but are not limited to, the following:
1) Submit a FGCU graduate application.
2) Submit a College of Health Professions supplemental application form and portfolio.
3) Provide verification of a baccalaureate degree or equivalent from a regionally accredited institution of higher learning.
4) Provide verification of certification as a Certified Therapeutic Recreation Specialist (CTRS).
5) Provide verification of a minimum score of 550 on TOEFL or 6.5 on IELTS for international students who speak English as a second language.
6) Provide verification of one of the following:
   a. (Combined score of GRE quantitative and verbal sections) + (GPA for the last 60 semester hours attempted at the upper division undergraduate level x 200) must equal or exceed 1600; or
   b. (MAT score) + (GPA for the last 60 semester hours attempted at the upper division undergraduate level x 200) must equal or exceed 1000; or
   c. (GMAT score) + (GPA for the last 60 semester hours attempted at the upper division undergraduate level x 200) must equal or exceed 1100; or
   d. A graduate degree from a regionally accredited institution.

1. Program Core (30 hrs)
Required courses in the major:
- GEY 5005 Orientation to Gerontology (3)
- GEY 5325 Programs & Services for Older Adults (3)
- GEY 6324 Advanced Practice Gero. Therapeutic Recreation I (3)
- GEY 6334 Advanced Practice Gero. Therapeutic Recreation II (3)
- GEY 6613 The Science of Aging (3)
- GEY 6645 Psychosocial Aspects of Aging (3)
- GEY 6655 Assessment of the Older Adult (3)
- IHS 5508 Statistical Analysis for the Health Professions (3)
- IHS 6112 Legal & Ethical Aspects of Health Care (3)
- IHS 6500 Research in the Health Professions (3)
- IHS 6939 Health Policy Capstone Seminar (3)

2. Restricted Electives in the Major (6 hrs)
Select one of the following:
- GEY 6942 Internship in Gerontology (3)
- HSC 6911 Health Professions Capstone Project (3)
- HSC 6975 Health Professions Thesis (6)

Select 3 hours of the following:
- GEY 5255 Aging and Adaptation (3)
- GEY 5619 Animal Assisted Therapy and the Older Adult (3)
- GEY 5934 Topics in Gerontology (1-6)
- GEY 6626 Ethnogerontology: Diversity in Aging (3)
- GEY 6903 Directed Study in Gerontology (1-6)
- GEY 6xxx End of Life Issues (3)

Or other courses with approval of the program advisor.

*Not required for students selecting the HSC 6975 Health Professions Thesis option.

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Progression Standards
- Maintain a cumulative GPA of 3.0 on a 4.0 scale.
- Earn a grade of C or better in each course. A grade of C minus (C-) is considered less than a C.
- Refer to the Health Science Student Guidebook for further information on progression standards (located at www.fgcu.edu/chp/hs/currentstu.html)

Additional Graduation Requirements
- Apply for graduation by deadline indicated in the university calendar.
- Earn a minimum of 36 credit hours with a minimum of a 3.0 GPA on a 4.0 scale.

HEALTH SCIENCE (M.S.)
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2007-2008

Admission Requirements
The College of Health Professions has a selective admissions policy. Admission requirements include, but are not limited to, the following:
1) Submit a FGCU graduate application and satisfy all applicable university requirements.
2. Electives in the major (3-6 hrs)

1. Program Core (12 hrs)

Required courses in the major:
- IHS 5508 Statistical Analysis for the Health Professions (3)
- IHS 6112 Legal & Ethical Aspects of Health Care (3)
- IHS 6500 Research in the Health Professions (3)
- IHS 6939 Health Policy Capstone Seminar (3)

2. Electives in the Major (3-6 hrs)

Select one of the following:
- HSC 6911 Health Professions Capstone Project (3)
- HSC 6975 Health Professions Thesis (6) 1
- HSA 6942 Internship in Health Services Administration (3)
- HSC 6943 Internship in Health Professions Education (3)
- GEY 6942 Internship in Gerontology (3)

1Not an option for Health Services Administration Concentration.

Progression Standards
- Maintain a cumulative GPA of 3.0 on a 4.0 scale.
- Earn a grade of C or better in each course. A grade of C minus (C-) is considered less than a C.
- Refer to the Health Science Student Guidebook for further information on progression standards (available at www.fgcu.edu/chp/hs/currentstu.html)

Additional Graduation Requirements
- Apply for graduation by deadline indicated in the university calendar.
- Earn a minimum of 36 credit hours with a minimum of a 3.0 GPA on a 4.0 scale.

HISTORY (M.A.)
College of Arts and Sciences
Division of Social and Behavioral Sciences
Web Address: http://www.fgcu.edu/cas/History/
Catalog Year 2007-2008

Admission Requirements
- A baccalaureate degree from a regionally accredited institution.
- At least 15 credits in History from a regionally accredited institution with a 3.0 GPA in all History courses.
• An undergraduate GPA of at least 3.0 overall and a combined score of at least 1000 (quantitative and verbal sections) on the GRE with a minimum of 500 on the verbal section.
• Minimum TOEFL score of 550 (paper-based) or 213 (computer-based) for international students who speak English as a second language.
• Two letters of recommendation from past professors or mentors.
• Personal statement of interest in pursuing graduate work in history (2-3 pages).

Transfer of Coursework
A maximum of 9 semester credit hours of course work may be transferred from regionally accredited institutions, subject to approval of the faculty advisor.

Degree Requirements
Select one of the following groupings (thesis or non-thesis). All courses selected in consultation with the faculty advisor.

A. Thesis Option (36 hrs)
1. HIS 6061 Historiography (3 hrs)
2. Field #1 (thesis) (12 hrs)
3. Field #2 (non-thesis) (6 hrs)
4. Field #3+ (non-thesis) (6 hrs)
5. HIS 6971 Thesis (6 hrs)
6. Electives (3 hrs) at 5000 or above.
7. Thesis: Complete and defend the thesis and provide one bound copy of the completed thesis to the History Program and one bound copy to the FGCU Library. The production and style of these will follow established university guidelines.

+Courses from outside of History may be substituted.

B. Non-Thesis Option (36 hrs)
1. HIS 6061 Historiography (3 hrs)
2. Thirty-three (33) credit hours at the graduate level (5000 and above). A maximum of 18 credit hours can be selected from any one field. A maximum of 9 hours can be taken outside the History Program with approval of the faculty advisor.
3. Seminar paper: Submit a revised research seminar paper (i.e., a paper that was submitted as part of a course requirement that was then revised) to the History faculty for approval.

Fields of Study
In consultation with a faculty advisor, students will select appropriate courses from the following fields of study. The specific courses selected will depend on student interests, career goals, and selection of thesis or non-thesis option. Courses selected for the thesis field will serve as the foundation for development of the thesis.

A. US History to 1877
AMH 6XXX African-American History to 1865 (3)
AMH 6XXX American Colonial History (3)
AMH 6XXX Research in American History (3)*
AMH 6XXX Revolutionary America (3)
AMH 6XXX Seminar in American History (3)*
AMH 6XXX US 1800-1860 (3)
HIS 6XXX Special Topics (3)*
HIS 6XXX Directed Readings (1-3)*

B. US History Since 1877
AMH 6XXX African-American History since 1865 (3)
AMH 6XXX Research in American History (3)*
AMH 6XXX Seminar in American History (3)*

AMH 6XXX US History since 1929 (3)
AMH 6XXX US in the Cold War (3)
HIS 5XXX Special Topics (3)*
HIS 6XXX Directed Readings (1-3)*

C. Public/State and Local History
AMH 6XX Modern Florida (3)
HIS 6XXX Public History (3)
HIS 6XXX Research in Public History (3)
HIS 6XXX Seminar in Public History (3)
HIS 5XXX Special Topics (3)*
HIS 6XXX Directed Readings (1-3)*

D. World History
ASH 6XXX Research in Asian History (3)
ASH 6XXX Seminar in Asian History (3)
EUH 6XXX Research in European History (3)
EUH 6XXX Seminar in European History (3)
HIS 5XXX Special Topics (3)*
HIS 6XXX Postcolonial Theories (3)
HIS 6XXX Directed Readings (1-3)*
LAH 6XXX Colonial Latin America (3)
LAH 6XXX Modern Latin America (3)
LAH 6XXX Caribbean History (3)
LAH 6XXX History of Mexico (3)
LAH 6XXX Research in Latin American History (3)
LAH 6XXX Seminar in Latin American History (3)
WOH 6XXX Research in World History (3)
WOH 6XXX Seminar in World History (3)
Graduate courses with the prefixes ASH, EUH, LAH, and WOH

*With appropriate topic

TOTAL SEMESTER HOURS REQUIRED 36 HRS

Additional Requirements for the M.A. in History:
1) Students must earn a grade of “B” or better in all graduate-level classes.
2) All course work for the degree must be completed within five years of admission to the program. Extensions may be approved by the History faculty for extenuating circumstances.
3) No more than 6 credits of HIS 6900 Directed Readings will be permitted.
4) A maximum of 9 hours of cross-listed (undergraduate and graduate combined) courses.
5) Graduate students may not take undergraduate courses for graduate credit.
6) Graduate students who also serve as graduate assistants in the program must complete, in addition to all other requirements, a three-credit-hour course on teaching history at the college level. Credit for this course does not count towards the degree.
7) Students will have a reading knowledge of one foreign language before graduating. Students may substitute a research methods class from outside the program, with the approval of the History faculty. Courses taken to fulfill the foreign language requirement do not count towards the degree.
8) Take and successfully defend a comprehensive exam.
NURSING (M.S.N.)
•Nurse Anesthesia Concentration

College of Health Professions
School of Nursing
Web Address: http://www.fgcu.edu/chp/nursing/anesthesia.html
Catalog Year 2007-2008

Program Accreditation
The Master of Science in Nursing (M.S.N.) program is accredited by the Commission on Collegiate Nursing Education (CCNE) (One Dupont Circle, NW, Washington, DC 20036-1120; telephone (202)-887-6791). The program’s next accreditation review by the CCNE is scheduled for spring 2009. The Nurse Anesthesia Program is accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA), 222 S. Prospect Ave., Suite 304, Park Ridge, IL 60068-4010; telephone (847)-692-7050. The program’s next accreditation review by the COA is scheduled for May 2009.

Admission Requirements
1) Submit a FGCU graduate application and satisfy all applicable university admission requirements.
2) Provide an official academic transcript showing the award of a BSN or BS degree in a related field of science.
3) Provide Graduate Record Exam (GRE) scores, taken within last 5 years, with minimum combined score of 1000 on verbal and quantitative sections. Analytical score must also be reported.
4) Earn a cumulative GPA of 3.0 or higher on a 4.0 scale.
5) Complete the following with a grade of C or above:
   a. Statistics course.
   b. Health assessment course.
   c. Two chemistry courses, one with a laboratory component.
6) Provide evidence of current and unrestricted registration as a registered nurse with eligibility for Florida RN licensure.
7) Provide evidence of a minimum one year current practice experience as a registered nurse in an acute care setting. What constitutes acceptable experience will be determined by the admissions committee.
8) Submit a current resume and statement of career goals.
9) Submit three references: one from the applicant’s supervisor; one from the applicant’s academic faculty; and one from a registered nurse, CRNA, or physician familiar with the applicant’s professional expertise.

Degree Requirements
1. Required Nursing Core (13 hrs)
   NGR 6002C Health Appraisal and Interpretation (4)
   NGR 6195 Global Trends & Practice Perspectives (3)
   NGR 6740 Concepts & Roles in Advanced Nursing (3)
   NGR 6611 Scholarly Inquiry for Evidence Based Practice (3)

2. Nurse Anesthesia Concentration (65 hrs)
   NGR 5940C Clinical Practicum I (1)
   NGR 5941C Clinical Practicum II (1)
   NGR 5942C Clinical Practicum III (6)
   NGR 5943C Clinical Practicum IV (6)
   NGR 5944C Clinical Practicum V (6)
   NGR 5945C Clinical Practicum VI (6)
   NGR 5946C Clinical Practicum VII (6)
   NGR 6010 Perioperative Technology (1)
   NGR 6011 Chemistry & Physics in Nurse Anesthesia (2)
   NGR 6091 Basic Principles of Anesthesia (3)
   NGR 6092 Adv. Principles of Anesthesia I (3)
   NGR 6098 Synthesis Seminar (2)
   NGR 6140 Advanced Anatomy & Physiology (4)
   NGR 6141 Physiological Alterations in Health (3)
   NGR 6145 Adv. Principles of Anesthesia II (3)
   NGR 6149 Adv. Pathophysiology I (1)
   NGR 6xxx Adv. Pathophysiology II (1)
   NGR 6173 Pharm. of Adjuvant Drugs (3)
   NGR 6174 Pharm. of Anes. Agents (3)
   NGR 6949 Clinical Correlation Conf. (3)

TOTAL SEMESTER HOURS REQUIRED 78 HRS

Progression Standards
• Maintain 3.0 GPA (B) in all Practice Courses.

Additional Graduation Requirements
• Apply for graduation by deadline indicated in the university calendar.

NURSING (M.S.N.)
•Clinical Nurse Leader Concentration
•Nurse Educator Concentration
•Primary Health Care Concentration
Admission Requirements for the RN-MSN Primary Health Care Accelerated Pathway:
1) Submit a FGCU graduate application and satisfy all applicable university admission requirements.
2) Provide an official transcript showing receipt of either (a) an Associate Degree in Nursing from a nationally accredited program, or (b) a diploma from a nationally accredited nursing program along with bachelor’s degree in any field.
3) Earn a cumulative GPA of 3.0 or higher on a 4.0 scale.
4) Provide Graduate Record Exam (GRE) scores, taken within last 5 years, with minimum combined score of 1000 on verbal and quantitative sections. Analytical score must also be reported; or the Miller’s Analogy Test (MAT) score of 400 or above, taken within last five years.
5) Complete a statistics course with a grade of C or above.
6) Submit a current resume and statement of career goals.
7) Satisfy Gordon Rule, CLAST, Foreign Language, General Education requirements.
8) Complete the following common prerequisites for nursing or the equivalent with a grade of C or above:
   a. BSC 1085C Human Anatomy & Physiology I w/ Lab (3-4 hrs).
   b. BSC 1086C Human Anatomy & Physiology II w/ Lab (3-4 hrs).
   c. CHM 1045C General Chemistry w/ Lab (not lower level principles such as CHM 1025).
   d. DEP 2004 Principles of Development or HUS 3020 Human Growth & Development (3 hrs).
   e. HSC 2577 Human Nutrition & Wellness (3 hrs).
   f. MCB 2010C Microbiology w/ Lab or MCB 3020C General Microbiology w/ Lab (4 hrs).
   g. PSY 2012 General Psychology (3 hrs).
   h. STA 2023 Statistical Methods or STA 2037 Statistics w/ Calculus (3 hrs).
   i. SYG 2000 Introduction to Psychology (3 hrs).
9) Provide evidence of current and unrestricted registration as a registered nurse with eligibility for Florida RN licensure.
10) Provide evidence of a minimum two years current practice experience as a registered nurse.
11) Submit a short written paper describing philosophy of nursing, professional goals, and qualities that the applicant believes make him/her an outstanding candidate for the program. Include a current resume and two reference letters (one service and one academic).
12) Complete a personal interview.
13) Complete the following RN-BSN online bridge courses with a grade of B or above:
   a. IHS 4504 Research Methods (3)
   b. NUR 3065C Health Assessment (3)
   c. NUR 4041 Caring Scholar Clinician Role (3)
   d. NUR 4043C Issues and Leadership (5)
   e. NUR 4636C Community Partnered Care (5)

Degree Requirements
1. Nursing Core (required in all concentrations) (13 hrs)
   NGR 6002C Health Appraisal and Interpretation (4)
   NGR 6195 Global Trends & Practice Perspectives (3)
   NGR 6740 Concepts & Roles in Advanced Nursing (3)
   NGR 6811 Scholarly Inquiry for Evidence Based Practice (3)

2. Concentration Requirements (22-28 hrs)
   A. Clinical Nurse Leader Concentration (25 hrs)
      Required courses:
      HSA 6250 Managerial Epidemiology (3)
      NGR 6141 Physiological Alterations to Health (3)
      NGR 6240C Primary Health Care I (5)
      NGR 6712 Foundations of Nursing Education (3)
      NGR 6770 Clinical Nurse Leadership and Advocacy (3)
      NGR 6773L Clinical Nurse Leader Practicum (2)
      NGR 6872 Information Management in Nursing (3)
   B. Nurse Educator Concentration (22 hrs)
      Required courses:
      NGR 6141 Physiological Alterations to Health (3)
      NGR 6240C Primary Health Care I (5)
      NGR 6712 Foundations of Nursing Education (3)
      NGR 6714 Teaching & Assessment Strategies for Nursing Education (3)
      NGR 6930 Special Topics (2)
      NGR 6941L Nurse as Educator Practicum (3)
      Select one of the following:
      HSC 6258 Curriculum Development in Health Prof Education (3)
      NGR 6713 Designing & Evaluating Curricula for 21st Century Nursing Education (3)
   C. Primary Health Care Concentration (28 hrs)
      (Nurse Practitioner Specialty)
      Required courses:
      NGR 6141 Physiological Alterations to Health (3)
      NGR 6192 Advanced Therapeutics (3)
      NGR 6240C Primary Health Care I (5)
      NGR 6252C Primary Health Care IV (6)
      NGR 6712 Foundations of Nursing Education (3)
      NGR 6731 Entrepreneurship (2)
      NGR 6741C Primary Health Care II (3)
      Select one of the following:
      NGR 6330C* Primary Health Care III (3)
      NGR 6215C** Primary Health Care V (3)
      *For those seeking national certification as a Family Nurse Practitioner (FNP).
      **For those seeking national certification as an Adult Nurse Practitioner (ANP).

TOTAL SEMESTER HOURS REQUIRED 35-41 HRS

Progression Standards
- Maintain 3.0 GPA (B) in all Practice Courses.

Additional Graduation Requirements
- Apply for graduation by deadline indicated in the university calendar.
- Earn a minimum of 30 credit hours with a minimum of a 3.0 GPA on a 4.0 scale.

OCCUPATIONAL THERAPY (M.S.)
College of Health Professions
Department of Occupational Therapy and Community Health
Web Address: www.fgcu.edu/chp/ot/
Catalog Year 2007-2008
Program Accreditation
This entry-level Occupational Therapy program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, PO Box 31220, Bethesda, Maryland, 20824-1220, Telephone: (301) 652-2682.

Admission Process
Application materials are available from the Department of Occupational Therapy and Community Health or on its website at www.fgcu.edu/chp/ot/. Admission to the program is competitive. Meeting minimum requirements does not guarantee admission to the program. Applicants pursuing a baccalaureate degree through the FGCU College of Health Professions, who have completed 27 credit hours of prerequisite requirements for the master’s program and who have met all other admissions requirements, will be eligible to apply for early admission decision.

Admission Requirements for the Entry-level Program (Concentration):
1) Baccalaureate degree in any field. An official transcript from a regionally accredited college or university should be submitted; degree may be pending completion at time of application.
2) Baccalaureate GPA (or GPA in courses completed at the time of application) of 3.0 or better.
3) GPA of 3.0 or better in prerequisite courses (listed below).
4) Evidence of at least 10 hours of volunteer, work, or shadowing experience in an OT practice environment.
5) Graduate Record Exam (GRE) taken within the last 5 years, with minimum combined score of 1000 on verbal and quantitative sections. Analytical section must also be reported.
6) Interview (arranged by invitation when all other application materials have been received and reviewed).
7) The following prerequisite courses or the equivalent must be completed with a grade of C- or better (a grade of C- or less is not acceptable). Students may complete some prerequisites in the summer session after acceptance into the program but before beginning the graduate level of study. Courses noted in parentheses are FGCU courses that meet the requirement:
   a. Any biology course with a lab (BSC 1010C & BSC 1010C)
   b. Any human anatomy & physiology w/Lab (BSC 1085C & BSC 1086C)
   c. Any abnormal psychology or psychopathology course (CLP 3140)
   d. Any lifespan human development course (DEP 2004)
   e. Research course with health professions or behavioral research focus (IHS 4504)
   f. Any musculoskeletal anatomy course w/Lab (OTH 3417C)
   g. Any neuroanatomy/neuropathology course (OTH 3429C)
   h. Any introductory physics or qualified physical science course (PHY 2048C or PHY 2053C)
   i. Any general psychology course (PSY 2012)
   j. Any statistics course (STA 2023 or STA 2037)
   k. Any sociology or anthropology course with a multicultural theme (SYG 2000 or ANT 2000)

Admission Requirements for the Post-professional Program (Concentration):
This option is enrolled on a cohort basis. Interested applicants should contact the Department for information regarding the next cohort start date.
1) A baccalaureate degree in occupational therapy from a regionally accredited college or university (transcript required).
2) A license or other credential indicating legal status as an occupational therapist
3) GPA of 3.0 or above in the last 60 hours of undergraduate work
4) One of the following:
   a. Combined score of 1000 or above on verbal and quantitative sections of the Graduate Record Examination (GRE). Analytical section score must also be reported.
   b. Entry-level degree in occupational therapy from FGCU, College of Health Professions, within the last 3 years with a GPA of 3.0 or better. GRE scores must still be reported.

Degree Requirements
1. Entry-level Program (Concentration) (60-62 hrs)
   OTH 6002 Occupational Therapy History and Foundations (2) (may be waived)
   OTH 6018 Professional Practice (3)
   OTH 6415C Human Motion in Activity (3)
   OTH 6026 Group Process and Management (3)
   OTH 6009 Theory in Occupational Therapy (3)
   OTH 6106C Technology in Practice (3)
   OTH 6536C Occupational Performance Issues I (3)
   OTH 6605C Occupational Performance Issues II (3)
   OTH 6226C Evaluation of Occupational Performance I (3)
   OTH 6227C Evaluation of Occupational Performance II (3)
   OTH 6235C Occupational Therapy Interventions I (3)
   OTH 6236C Occupational Therapy Interventions II (3)
   OTH 6707 Management and Supervision in Occupational Therapy (3)
   OTH 6725 Community Practice Seminar (3)
   OTH 6751C Outcomes Research (3)
   OTH 6840 Level IA Fieldwork (1)
   OTH 6841 Level IB Fieldwork (1)
   OTH 6845 Level IIA Fieldwork (6)
   OTH 6846 Level IIB Fieldwork (6)
   OTH 6910 Directed Study (3)
   OTH 6973C Project Implementation (1)

B. Post-professional Program (Concentration) (36 hrs)
   Occupational Therapy Core (9 hours)
   OTH 5817 Advancing Practice in Elder Care (3)
   OTH 6276 Community Practice, Wellness, and Health Promotion (3)
   OTH 6604 Chronic Conditions, Adaptation and Aging in Place (3)
   OTH 6930 Special Topics (may be substituted for any of the above with advisor approval)

Gerontology Core (12 hours)
   GEY 6613 The Science of Aging (3)
   GEY 5325 Programs and Services for Older Adults (3)
   GEY 6655 Assessment of Older Adults (3)

Select one:
   GEY 6324 Topics in Gerontology (3)
   (with advisor approval)
   GEY 6626 Ethngerontology: Diversity in Aging (3)
   GEY 6645 Psychosocial Aspects of Aging (3)

Research Core (6 hours)
   OTH 6772 Outcomes Research (3)

Select one:
   IHS 5508 Statistical Analysis for Health Professions (3)
IHS 6506   Qualitative Research in Health Care (3)  
Capstone Experience (9 hours)  
OTH 6780   Research to Practice Apprenticeship (3)  
OTH 6781   Directed Study (6)  

TOTAL SEMESTER HOURS REQUIRED (36-62)  

Progression Requirements  
1. Students must earn a grade of B or better in all required coursework in order to progress in the program  
2. Students are evaluated on professional behaviors as well as academic performance  
3. Successful completion of assigned fieldwork integrating academic material and professional behaviors is a required part of the program  

All progression requirements are detailed in the Occupational Therapy Program Student Handbook, published by the Department.

Additional Graduation Requirements  
1. Apply for graduation by deadline indicated in the university calendar.  

Completion of the degree in Occupational Therapy, which includes the prescribed fieldwork, is required for eligibility to sit for the Certification Examination and to obtain a license to practice as an Occupational Therapist.

PHYSICAL THERAPY (M.S.)  
College of Health Professions  
Department of Physical Therapy and Human Performance  
Web Address: www.fgcu.edu/chp/pt  
Catalog Year 2007-2008  

The M.S. Physical Therapy program has been granted Accreditation status by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association (1111 North Fairfax Street, Alexandria, VA 22314-1488; telephone 703/684-2782 or 800/999-2782; www.apta.org).

Admission Process  
Application materials are available from the Department of Physical Therapy and Human Performance or the department website at www.fgcu.edu/chp/pt. The Department of Physical Therapy and Human Performance conducts a competitive admissions process. Meeting the minimum admission requirements does not guarantee admission. Students are admitted into the program in the fall of each year. For priority consideration, all application materials must be received by January 15th of the year in which entry is sought. Application materials received after that date will be considered on a space-available basis. Admission decisions are based on materials and coursework completed at the time of the application.

Admission Requirements  
1. Provide an official transcript from a regionally accredited college or university indicating award of a baccalaureate degree. The following FGCU undergraduate majors may be the most congruent with the physical therapy prerequisites: (a) B.S. Athletic Training, (b) B.S. Human Performance, or (c) B.S. Health Science.  
2. Achieve a GPA calculated for all prerequisite courses (for courses completed at the time of application) of at least 3.20 (on a 0 to 4 scale).  
3. Achieve a GPA for all upper division coursework (for courses completed at the time of application) of at least 3.00 (on a 0 to 4 scale).  
4. Present evidence of a minimum score of 4.0 on the Analytical portion of the Graduate Record Examination (GRE) and a minimum total Quantitative-Verbal GRE score of 1000, with a minimum score of 400 on both the Quantitative and Verbal portions of the GRE.  
5. Complete an interview.  
6. Submit a portfolio, including validation of two physical therapist shadowing experiences of five hours each.  
7. Complete the following prerequisite courses or the equivalent with a grade of C or better (a grade of C- or less is not acceptable).  
   a. BSC 2010C General Biology I w/Lab (4)  
   b. BSC 1085C Anatomy & Physiology I w/Lab (3) or BSC 2011C General Biology II w/Lab (4)  
   c. BSC 1086C Anatomy & Physiology II w/Lab (4)  
   d. CHM 1045C General Chemistry I w/Lab (4)  
   e. CHM 1046C General Chemistry II w/Lab (4)  
   f. PHY 2053C College Physics I w/Lab (4)  
   g. PHY 2054C College Physics II w/Lab (4)  
   h. PSY 2012 General Psychology (3)  
   i. DEP 2004 Principles of Development (3)  
   j. STA 2023 Statistical Methods (3) or STA 2037 Statistics with Calculus (3)  

Degree Requirements  

1. Required courses (69 hrs)  

PHT 6109C Movement Science Foundations I (10)  
PHT 6393C Movement Science Foundations II (5)  
PHT 6395C Movement Science Foundations III (4)  
PHT 6394C Physical Therapy Practice I (3)  
PHT 6396C Physical Therapy Practice II (4)  
PHT 6397C Physical Therapy Practice III (4)  
PHT 6398C Physical Therapy Practice IV (6)  
PHT 6399C Physical Therapy Practice V (5)  
PHT 6026 Professional Development Seminar I - Explorations in Physical Therapy (2)  
PHT 6412 Professional Development Seminar IIA - Communication, Teaching and Learning (2)  
PHT 6413 Professional Development Seminar IIB - Sociocultural Influences Throughout the Lifespan (2)  
PHT 6527 Professional Development Seminar III - Management, Leadership, and Entrepreneurship in Health Care (2)  
PHT 6528 Professional Development Seminar IV - Legal and Ethical Considerations in Health Care Policy and Practice (3)  
PHT 6529 Professional Development Seminar V - Preparation for Entering & Growing in the Profession (1)  
PHT 5822 Application of Physical Therapy Principles - Clinical Experience I (1)  
PHT 6606 Application of Physical Therapy Principles - Clinical Experience II (2)  
PHT 6607 Application of Physical Therapy Principles - Clinical Experience III (2)  
PHT 6941 Application of Physical Therapy Principles - Clinical Experience IV (2)  
PHT 6946 Application of Physical Therapy Principles - Clinical Residency (8)  

2. Restricted Electives (7 hrs)  

Select one of the following:  
PHT 5906 Application of Physical Therapy Principles I - Independent Study (2)  
PHT 5971 Application of Physical Therapy Principles
Admission requirements
Catalog Year 2007-2008

Web Address: http://cps.fgcu.edu/pa/program.html

division of Public Affairs
College of Professional Studies
Public Administration (M.P.A.)

TOTAL SEMESTER HOURS REQUIRED 76 HRS

Progression Standards
- Students must follow a Program of Study approved by the student’s faculty advisor.
- Students must receive a grade of “B” (“S” if applicable) or better on all courses within the program curriculum.
- A minimum cumulative GPA of 3.0 is required for all coursework taken in the Physical Therapy curriculum.
- A student must perform at the appropriate level of generic abilities and behavioral criteria as outlined in the Professional Behaviors Plan.

Additional Graduation Requirements
- Successfully complete a cumulative personal/professional portfolio.
- Successfully complete Clinical Residency.
- Perform at Entry Level in all Behavioral Criteria of the Professional Behaviors Plan.
- Complete Psychomotor Skills Log.
- Apply for graduation per university guidelines and timeline.
- Meet all FGCU Graduate Student requirements for graduation.

Graduation requirements

1. Required Courses in the Major (27 hrs)
- PAD 6060 Introduction to Public Administration (3)
- PAD 6101 Organizational Theory & Behavior (3)
- PAD 6207 Public Budgeting (3)
- PAD 6327 Seminar in Program Planning & Evaluation (3)
- PAD 6365 Public Policy (3)
- PAD 6417 Public Personnel Administration (3)
- PAD 6701 Data Analysis in Public Service (3)
- PAD 6708 Research Applications in Public Administration (3)
- PAD 6961 Capstone Project (3)

2. Elective Course in the Major* (3 hrs)
- PAD 5041 Administrative Ethics (3)
- PAD 5142 Management of Nonprofit Organizations
- PAD 5352 Emerging Issues in Environ Policy (3)
- PAD 5356 Environmental Policy & Ethics (3)
- PAD 5620 Environmental Law (3)
- PAD 5933 Proposal Writing & Grant Administration (3)
- PAD 6205 Public Finance (3)
- PAD 6605 Administrative Law (3)
- PAD 6812 State & Local Politics & Administration (3)
- PAD 6826 Intergovernmental Administration (3)
- PAD 6836 Comparative Public Administration (3)
- PAD 6908 Independent Study (1-6)
- PAD 6934 Special Topics (3)
- PAD 6940 Internship* (3)

*Required for students with less than one year of professional experience.

2. Concentration Requirements (12 hrs)

Students are required to declare a concentration upon completion of 15 credit hours toward the MPA. If no concentration is declared, the General Public Administration Concentration is assigned.

A. General Public Administration Concentration
- PAD 5041 Administrative Ethics (3)
- PAD 5142 Management of Nonprofit Organizations (3)
- PAD 5933 Proposal Writing & Grant Administration (3)
- PAD 6605 Administrative Law (3)
- PAD 6812 State & Local Politics & Administration (3)
- PAD 6826 Intergovernmental Administration (3)
- PAD 6836 Comparative Public Administration (3)

B. Management Concentration
- PAD 6205 Public Finance (3)

Select 9 hours from the following:
- ISM 6021 Management Information Systems (3)
- MAN 6266 The Challenge of Leadership (3)
### FGCU Graduate Programs

**1. Required Courses in the Major (27 hrs)**
- EDF 6481 Foundations of Research (3)
- EDF 6939 Seminar in Action Research* (3)

### Division of Graduate Studies
- Catalog Year 2007-2008
- Web Address: www.coe.fgcu.edu/
- Division of Graduate Studies
- College of Education

**Total Semester Hours Required 42 HRS**

### READING (M.Ed.)
**College of Education**
**Division of Graduate Studies**
**Web Address:** www.coe.fgcu.edu/
**Catalog Year 2007-2008**

**Admission Requirements**
- A four year undergraduate degree from an accredited institution.
- Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information).
- Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.
- Submission of three favorable recommendations from professionals in the field.
- Students who are entering an initial education certification program without prior teacher certification or eligibility or those who are adding a teaching certification area from an approved program must also have passed all subsections of CLAST, FTCE General Knowledge Test, or Praxis I for admission. Applicants may substitute a score of 1000 or higher on the GRE for the admission score requirement.

**Degree Requirements**

1. **Required Courses in the Major (27 hrs)**
   - EDF 6481 Foundations of Research (3)
   - EDF 6939 Seminar in Action Research* (3)

### C. Environmental Policy Concentration
- PAD 5356 Environmental Policy & Ethics (3)
- PAD 5620 Environmental Law (3)
- Select 6 hours from the following:
  - EDS 5620 Environmental Law (3)
  - EVR 5327 Environmental Education for a Sustainable Future (3)
  - EVR 6022 Environmental Research Methodology (3)
  - EVR 6322 Concepts & Applications of Sustainability (3)
  - EVR 6937 Environmental Policy (3)
  - PAD 5352 Emerging Issues in Environ Policy (3)

Note: Courses outside of the Division of Public Affairs may be substituted in some areas, on a case-by-case basis, with approval of the student’s MPA faculty advisor.

**TOTAL SEMESTER HOURS REQUIRED 36 HRS**

**2. Restricted Electives (9 hrs)**
Select one of the following:
- LAE 6415 Literature and the Learner (3)
- LAE 6465 Adolescent Literature (3)
- Select two of the following:
  - LAE 6315 Teaching Writers and Writing (3)
  - LAE 6325 Language Arts Methods: Grades 6-12 (3)
  - LAE 6616 Current Trends in Language Arts (3)
  - LAE 5295 Writing Workshop I (National Writing Project) (3)
  - RED 5147L Developmental Reading (3)

### Additional Graduation Requirements
- Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
- A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
- Overall GPA of 3.0 or higher in all work attempted.
- A cumulative GPA of 3.0 for all coursework in program.
- Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)
- Students seeking certification by graduating from a state approved program must take and pass all FTCE exam components as required by the state of Florida. These may include the Professional Education examination (taken by all applicants applying for an initial teaching certificate, a subject area examination (taken by all applicants in their subject area specialty), and the General Knowledge Test (if they do not already have Florida certification or if they have not already passed all subsections of the CLAST prior to July 1, 2002). (See individual program requirements and/or advisors for information.)

**Transfer Notes**
The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.

### SOCIAL WORK (M.S.W.)
**College of Professional Studies**
**Division of Social Work**
**Web Address:** http://cps.fgcu.edu/sw/index.html
**Catalog Year 2007-2008**

Application materials must be submitted by March 1 in order for the applicant to be considered for admission for
Admission Requirements

- Earned bachelor’s degree from a regionally accredited college or university.
- Submit one official transcript from each baccalaureate and/or graduate institution attended.
- Cumulative GPA of 3.0 on a 4.0 scale.
- Submit one official copy of test scores from either the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT) taken with the last five years.
- Submit evidence of broad coursework in the liberal arts: 6 hours General Science (must include Human Biology); 6 hours English Composition; 6 hours Humanities; 6 hours Social Sciences; 6 hours Quantitative Math (e.g., include computer).
- Submit evidence of successful completion of one statistics course.
- Provide evidence of one year’s experience paid or volunteer in a social service agency (in a service capacity) or its equivalent as determined by the Graduate Admissions Committee.
- An international applicant for whom English is a second language is required to submit a score of 500 or higher on the Test of English as a Foreign Language (TOEFL).
- Submit a completed MSW Application Package including:
  - Three professional references.
  - A written personal statement (to be evaluated by the Graduate Admissions Committee for commitment to social work values, social justice, diversity, writing skills, etc.).
- Personal interviews may be required.
- Attend an orientation session.

Degree Requirements

1. Required Courses in the Major (42 hrs)

- SOW 6105 Human Behavior in the Social Environment I (3)
- SOW 6106 Human Behavior in the Social Environment II (3)
- SOW 6124 Ecological Assessment of Psychopathology (3)
- SOW 6180 Clinical Community Social Work Practice IV: Community Organizing (3)
- SOW 6235 Social Welfare & History (3)
- SOW 6236 Social Policy and Programs (3)
- SOW 6305 Integrated Social Work Practice I (3)
- SOW 6306 Integrated Social Work Practice II (3)
- SOW 6344 Clinical Community Social Work Practice III: Groups (3)
- SOW 6362 Clinical Community Social Work Practice III: Individuals & Families (3)
- SOW 6369 Advanced Clinical Community Social Work Practice IV: Integrative Seminar (3)
- SOW 6405 Social Work Research Methods I (3)
- SOW 6435 Social Work Research II: Program and Practice Evaluation (3)
- SOW 6629 Human Diversity & Oppression (3)

2. Field Experience Requirements (12 hrs)

   Select one of the following groupings:

- A. Full-time Field Experience
  - SOW 6532 Field Education I (3)
  - SOW 6533 Field Education II (3)
  - SOW 6535 Field Education III (3)
  - SOW 6537 Field Education IV (3)

- A. Part-time Field Experience

- SOW 6552 Field Education IC-Part-time (2)
- SOW 6553 Field Education IA-Part-time (2)
- SOW 6554 Field Education IB-Part-time (2)
- SOW 6555 Field Education IIa-Part-time (2)
- SOW 6556 Field Education IIb-Part-time (2)
- SOW 6557 Field Education IIc-Part-time (2)

3. Electives in the Major (6 hrs)

   Select two courses as approved by the advisor. Students may take two additional electives above the 60 credits required for graduation.

- SOW 6181 Grassroots Community Organizing (3)
- SOW 6383 Administration I (3)
- SOW 6384 Supervision and Training (3)
- SOW 6386 Administration II (3)
- SOW 6641 Social Work Practice with Older Persons (3)
- SOW 6655 Social Work Practice in the Interest of Children (3)
- SOW 6931 Social Work Practice in Mental Health (3)

TOTAL SEMESTER HOURS REQUIRED 60 HRS

SPECIAL EDUCATION (M.Ed.)

College of Education

Division of Graduate Studies

Web Address: www.coe.fgcu.edu/
Catalog Year 2007-2008

Admission Requirements

- A four year undergraduate degree from an accredited institution.
- A valid teaching certificate.
- Any one of the following: 1) a grade point average (GPA) of 3.0 or higher on a 4.0 scale for the last 60 semester hours attempted accruing to the undergraduate degree; or 2) a combined score of 1000 or higher on the quantitative and verbal sections of the GRE exam; or 3) a 400 or higher on the MAT; or 4) a graduate degree from a regionally accredited institution. Note: All applicants must submit GPA and graduate admission (GRE or MAT) test scores regardless of which of the above criteria are met for admissions. Some programs may have additional admissions criteria (refer to program information).

   Students may be required to take specific undergraduate course(s) if they do not have the necessary prerequisites for the graduate level course or program.

- Submission of three favorable recommendations from professionals in the field.

Degree Requirements

- EDF 6481 Foundations of Educational Research (3)
- EED 6215 Advanced Theories and Practices in Behavior Disorders (3)
- EEX 5752 Working with Families (3)
- EEX 6025 Foundations of Special Education (3)
- EEX 6222 Advanced Psychoeducational Assessment of Exceptional Students (3)
- EEX 6245 Transitional Programming for Adolescent & Young Adult Except Ional Students (3)
- EEX 6248 Instructional Programming for Exceptional Populations (3)
- EEX 6612 Management and Motivation of Exceptional and At-Risk Students (3)
- EEX 6732 Consultation and Collaboration in Special Education (3)
- EEX 6939 Advanced Seminar: Paradigms, Practices and Policies in Special Education (taken in last semester) (3)
ELD 6015  Advanced Theories and Practices in Special Learning Disabilities (3)
EMR 6052  Advanced Theories and Practices in Mental Retardation (3)

TOTAL SEMESTER HOURS REQUIRED  36 HRS

Additional Graduation Requirements
• Students must satisfactorily complete the minimum number of credit hours specified by the graduate degree program.
• A grade of B or higher must be earned in all College of Education graduate courses used as prerequisites and each core course.
• Overall GPA of 3.0 or higher in all work attempted.
• A cumulative GPA of 3.0 for all coursework in program.
• Students must complete and pass a culminating demonstration of learning and competence at the end of the program. These may include comprehensive examinations, portfolios, special practicum projects, or research projects. (Students seeking certification must fully demonstrate Educator Accomplished Practices.)
• Students seeking certification by graduating from a state approved program must take and pass all FTCE exam components as required by the state of Florida. These may include the Professional Education examination (taken by all applicants applying for an initial teaching certificate, a subject area examination (taken by all applicants in their subject area specialty), and the General Knowledge Test (if they do not already have Florida certification or if they have not already passed all subsections of the CLAST prior to July 1, 2002.) (See individual program requirements and/or advisors for information.)

Transfer Notes
The College of Education limits the transfer of coursework into its graduate programs to a maximum of 12 credits or three courses. To be considered, courses must have been completed with a minimum grade of B and no more than seven years prior to the date of entry into the graduate program and no more than ten years prior to graduation from the graduate program.
FGCU CERTIFICATE PROGRAMS 2007-2008

Clinical Laboratory Technology
Compliance Specialist
Early Childhood Special Education
Elementary Education
Gerontology
Health Services Administration
Occupational Therapy with Elders
Primary Health Care Nurse Practitioner
Secondary Education
Special Education
Therapeutic Recreation

CLINICAL LABORATORY TECHNOLOGY CERTIFICATE
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2007-2008

Upon completion of the program, students are eligible to sit for the national certification examination at the technologist level by the American Society for Clinical Pathology and the National Credentialing Agency and for licensure by the Florida Board of Clinical Laboratory Personnel.

Admission Requirements
1) Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
2) Submission of a completed application for the Clinical Laboratory Science Certificate program to the Division of Health Sciences.
3) Graduation from a baccalaureate level program from an accredited college or university documented by official transcripts. Degrees in the chemical or biological sciences are recommended.
4) Provide verification of TOEFL or IELTS scores that meet minimum university admission requirements.
5) Applicants may apply for summer admission.
6) Complete the following prerequisite courses or the equivalent with a grade of C or above:
   a) Biology (with Microbiology) 16 credit hours
   b) Chemistry (with Organic or Biochemistry) 16 credit hours
   c) Mathematics 3 credit hours
7) The following prerequisite courses or the equivalent are recommended:
   a) Genetics
   b) Immunology

1. Required Courses (39 hrs)
   MLS 3038C Essentials of CLS (3)
   MLS 3220C Biological Fluid Analysis (2)
   MLS 4191C Molecular Diagnostics (3)
   MLS 4308C Hematology/Hemostasis (3)
   MLS 4004 Diagnostic Microbiology (3)
   MLS 4505C Clinical Immunology (2)
   MLS 4550C Immunohematology & Transfusion (3)
   MLS 4627C Clinical Biochemistry (3)
   MLS 4820C Clinical Biochemistry Practicum (3)
   MLS 4821C Clinical Microbiology Practicum (3)
   MLS 4822C Clinical Hematology Practicum (3)
   MLS 4823C Clinical Immunohematology Practicum (3)
   MLS 4826C Clinical Immunology Practicum (2)
   MLS 4462 Diagnostic Virology/Mycology/Parasitology (3)

TOTAL SEMESTER HOURS REQUIRED 39 HRS

Additional Graduation Requirements
- Earn a minimum of 39 semester hours with a cumulative grade point average of 2.0 on all course work attempted at FGCU.
- Earn a grade of C or above in all required courses. A grade of C does not satisfy the requirement of a minimum grade of C.

Acceptable Substitutes
- MLS 4004: May use MCB 4203C
- MLS 4462: May use MCB 4507C

COMPLIANCE SPECIALIST CERTIFICATE
College of Professional Studies
Division of Legal Studies
Web Address: http://cps.fgcu.edu/cj/ls/index.html
Catalog Year 2007-2008

Admission Requirements
1) Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
2) Graduation from a baccalaureate level program from a regionally accredited institution documented by official transcripts.

Applicants may apply for fall or spring admission.

1. Required Courses (15 hrs)
   CCJ 5XXX Compliance Ethics & Control (3)
   CCJ 5XXX Regulation of Business Conduct (3)
   CCJ 6XXX Interviewing & Investigation (3)
   CJL 6XXX Forensic Financial Investigation (3)
   HSA 5XXX Regulation of Medical Industry (3)

TOTAL SEMESTER HOURS REQUIRED 15 HRS

EARLY CHILDHOOD SPECIAL EDUCATION CERTIFICATE
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2007-2008

This program is intended for students who wish to obtain the certificate offered through the Florida Department of Health as an Infant, Toddler Developmental Specialist and/or obtain the Department of Education Pre-K Handicap endorsement.

Admission Requirements
- Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
- Submission of a completed application for the Early Childhood Education Certificate program.
- Graduation from a baccalaureate level program in a related course of study from an accredited college or university with an undergraduate GPA of at least 2.5 documented by official transcripts.

Applicants may apply for fall or spring admission. To as-
sure consideration, applicants must be admitted to FGCU and supplemental application materials must be mailed to the College of Education, Certificate Program Admissions.

Certificate Requirements
- EEX 6017 Typical & Atypical Development (4)
- EEX 6708 Team Process & Collaboration in Early Childhood (3)
- EEX 6207 Medical Complexity & Low Incidence Syndromes in Young Children (3)
- EEX 6206 Curriculum Planning & Intervention for Young Children (4)
- EEX 6213 Assessment of Young Children (4)

ELEMENTARY EDUCATION CERTIFICATE
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2007-2008

Admission Requirements
- Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
- Graduation from a baccalaureate level program in a related course of study from an accredited college or university with an undergraduate GPA of at least 2.5 documented by official transcripts.
- Submission of a completed application for the Elementary Education Certificate program.
- Verification of 30 hours in the certification-seeking area or a passing score on the FTCE Subject Area Exam.

Applicants may apply for fall or spring admission. To assure consideration, applicants must be admitted to FGCU and supplemental application materials must be mailed to the College of Education, Certificate Program Admissions.

Certificate Requirements
- EDF 6215 Learning Principles
- EDG 6627 Foundations of Curriculum & Instruction
- EDF 6259 Classroom Management and Organization
- EDF 6606 Socio-Economic Foundations of American Education
- LAE 6337 Reading and Writing in the Content Areas
- EDE 6303 Effective Teaching in Inclusive Classrooms
- EDE 6303 Effective Teaching in Inclusive Classrooms

GERONTOLOGY CERTIFICATE
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2007-2008

Admission Requirements
- 1) Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
- 2) Submission of a completed application for the Gerontology Certificate program to the Division of Health Sciences.
- 3) Graduation from a baccalaureate level program from an accredited college or university documented by official transcripts.
- 4) Minimum score of 550 on TOEFL or 6.5 on IELTS for international students who speak English as a second language.

Applicants may apply for either spring or fall admission. To assure consideration, applicants must be admitted to FGCU and supplemental application materials must be postmarked to the College of Health Professions.

1. Required Courses (12 hrs)
   - GEY 5005 Orientation to Gerontology (3)
   - GEY 5325 Programs/Services for Older Adults (3)
   - GEY 6613 The Science of Aging (3)
   - GEY 6645 Psychosocial Aspects of Aging (3)

2. Electives (6 hrs)
   - Select 6 hours from the following:
     - GEY 5255 Aging and Adaptation (3)
     - GEY 5630 Economics of Aging (3)
     - GEY 5934 Topics in Gerontology (1-6)
     - GEY 6626 Ethnogerontology: Diversity in Aging (3)
     - GEY 6942 Gerontology Internship (3)
     - HSA 5225 Long Term Care Administration (3)

TOTAL SEMESTER HOURS REQUIRED 18 HRS

Additional Graduation Requirements
- Earn a minimum of 18 semester hours with a cumulative grade point average of 2.0 on all course work attempted at FGCU.
- Earn a grade of C or above in all required courses. A grade of C- does not satisfy the requirement of a minimum grade of C.

HEALTH SERVICES ADMINISTRATION CERTIFICATE
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2007-2008

Admission Requirements
- 1) Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
- 2) Submission of a completed application for the Health Services Administration Certificate program to the Division of Health Sciences.
- 3) Graduation from a baccalaureate level program or a graduate degree from an accredited college or university documented by official transcripts.
- 4) Minimum score of 550 on TOEFL or 6.5 or IELTS for international students who speak English as a second language.

Applicants may apply for either spring or fall admission.

1. Required Courses (15 hrs)
   - HSA 5115 Health Services Management and Operations (3)
   - HSA 6155 Health Policies and Economic Issues in Health Services Organizations (3)
   - HSA 6179 Models of Financial Management and Operations (3)
   - HSA 6342 Human Resource Management for Health Care Managers (3)
   - HSA 6385 Planning, Evaluation, and Quality Management (3)

2. Electives (6 hrs)
Select 6 hours from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEY 5325</td>
<td>Programs &amp; Services for Older Adults</td>
<td>3</td>
</tr>
<tr>
<td>HSA 5103</td>
<td>US Models of Health Care Practice</td>
<td>3</td>
</tr>
<tr>
<td>HSA 5112</td>
<td>Comparative Health Services Delivery Systems</td>
<td>3</td>
</tr>
<tr>
<td>HSA 5126</td>
<td>Concepts &amp; Principles of Managed Care</td>
<td>3</td>
</tr>
<tr>
<td>HSA 5225</td>
<td>Long Term Care Administration</td>
<td>3</td>
</tr>
<tr>
<td>HSA 6149</td>
<td>Planning &amp; Mktg Health Services</td>
<td>3</td>
</tr>
<tr>
<td>HSA 6198</td>
<td>Informatics and Health Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>HSA 6930</td>
<td>Topics in Health Services Admin (1-6)</td>
<td>1-6</td>
</tr>
<tr>
<td>HSA 6933</td>
<td>Entrepreneurship in Health Services Administration</td>
<td>3</td>
</tr>
<tr>
<td>HSA 6942</td>
<td>Health Services Administration Internship</td>
<td>3</td>
</tr>
<tr>
<td>IHS 6112</td>
<td>Legal &amp; Ethical Aspect of Health Care</td>
<td>3</td>
</tr>
</tbody>
</table>

Other electives may also be selected with approval of the faculty advisor.

**TOTAL SEMESTER HOURS REQUIRED 21 HRS**

Additional Graduation Requirements
- Earn a minimum of 21 semester hours with a cumulative grade point average of 2.0 on all course work attempted at FGCU.
- Earn a grade of C or above in all required courses. A grade of C- does not satisfy the requirement of a minimum grade of C.

**OCCUPATIONAL THERAPY WITH ELDERS CERTIFICATE**

College of Health Professions
Department of Occupational Therapy & Community Health

Web Address:  www.fgcu.edu/chp/ot
Catalog Year 2007-2008

**Admission Requirements**
1) A baccalaureate degree in occupational therapy or other equivalent credential.
2) A license or other credential indicating legal status as an occupational therapist.
3) A GPA of 3.0 or above in the last 60 hours of college/university coursework.
4) Minimum score of 550 on TOEFL for international students who speak English as a second language.
5) Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.

Applicants may apply for either spring or fall admission through the Admissions office. To assure consideration, for the program, applicants must be admitted to FGCU. Supplemental application materials must be sent directly to the Department of Occupational Therapy and Community Health.

1. **Required Courses (12 hrs)**
   - GEY 6613  The Science of Aging (3)
   - GEY 5325  Programs and Services for Older Adults (3)
   - OTH 5603  Advancing Practice in Elder Care (3)
   - OTH 6763  Research to Practice Apprenticeship (3)

2. **Elective Courses (6 hrs)**
   - Select 6 hours from the following:
     - OTH 6276  Community Practice, Wellness, and Health

**TOTAL SEMESTER HOURS REQUIRED 18 HRS**

Additional Graduation Requirements
- Earn a minimum of 18 semester hours with a cumulative grade point average of 2.0 on all course work attempted at FGCU.
- Earn a grade of C or above in all required courses. A grade of C- does not satisfy the requirement of a minimum grade of C.

**PRIMARY HEALTH CARE NURSE PRACTITIONER CERTIFICATE**

College of Health Professions
School of Nursing
Web Address:  http://www.fgcu.edu/chp/nursing/
Catalog Year 2007-2008

The program leading to a post-master’s certificate in Primary Health Care is designed to prepare registered nurses who possess MSN degrees to become certified as Family Nurse Practitioners (FNP). This program is available on a part-time or full-time basis.

**Admission Requirements**
1) Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
2) Master’s degree in nursing from a nationally accredited program with cumulative GPA of 3.0 or higher on 4.0 scale.
3) Submission of official transcripts from each post-secondary institution attended.
4) Current and unrestricted RN license with eligibility for Florida Licensure.

**Program Prerequisites**
1) Advanced Physiology/Pathophysiology
2) Advanced Health Assessment (Competency Validation Required)
3) Concepts and Roles of Advanced Practice (taken within past five years)

**Required Courses (20 hrs)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>NGR 6192</td>
<td>Advanced Therapeutics</td>
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<tr>
<td>NGR 6240C</td>
<td>Primary Health Care I</td>
<td>5</td>
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<tr>
<td>NGR 6741C</td>
<td>Primary Health Care II</td>
<td>3</td>
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<tr>
<td>NGR 6330C</td>
<td>Primary Health Care III</td>
<td>3</td>
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<tr>
<td>NGR 6252C</td>
<td>Primary Health Care IV</td>
<td>6</td>
</tr>
</tbody>
</table>

**Additional Graduation Requirements**
- Earn a minimum of 20 semester hours with a cumulative grade point average of 2.0 on all course work attempted at FGCU.
- Earn a grade of C or above in all required courses. A grade of C- does not satisfy the requirement of a minimum grade of C.
SECONDARY EDUCATION CERTIFICATE
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2007-2008

Admission Requirements
• Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
• Graduation from a baccalaureate level program in a related course of study from an accredited college or university with an undergraduate GPA of at least 2.5 documented by official transcripts.
• Submission of a completed application for the Secondary Education Certificate program.
• Verification of 30 hours in the certification-seeking area or a passing score on the FTCE Subject Area Exam.

Applicants may apply for fall or spring admission. To assure consideration, applicants must be admitted to FGCU and supplemental application materials must be mailed to the College of Education, Certificate Program Admissions.

Certificate Requirements
EDF 6215 Learning Principles
EDG 6627 Foundations of Curriculum and Instruction
EDF 6259 Classroom Management and Organization
EDF 6606 Socio-Economic Foundations of American Education
LAE 6337 Reading and Writing in the Content Areas
Select one of the following:
LAE 6325 Language Arts Methods 6-12
MAE 6336 Math Methods 6-12
SCE 6336 Science Methods 6-12
SSE 6326 Social Science Methods 6-12

SPECIAL EDUCATION CERTIFICATE
College of Education
Division of Graduate Studies
Web Address: www.coe.fgcu.edu/
Catalog Year 2007-2008

Admission Requirements
• Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
• Graduation from a baccalaureate level program in a related course of study from an accredited college or university with an undergraduate GPA of at least 2.5 documented by official transcripts.
• Submission of a completed application for the Special Education Certificate program.
• Verification of 30 hours in the certification-seeking area or a passing score on the FTCE Subject Area Exam.

Applicants may apply for fall or spring admission. To assure consideration, applicants must be admitted to FGCU and supplemental application materials must be mailed to the College of Education, Certificate Program Admissions.

Certificate Requirements
EDF 6215 Learning Principles
EDG 6627 Foundations of Curriculum and Instruction
EDF 6259 Classroom Management and Organization
EDF 6606 Socio-Economic Foundations of American Education
LAE 6337 Reading and Writing in the Content Areas
Select one of the following:
LEI 3703 Foundations of Therapeutic Recreation (3)
LEI 4706 Conceptual Issues in Therapeutic Recreation (3)
LEI 4709 Facilitation Techniques in Therapeutic Recreation (3)
LEI 4711 Program Development & Evaluation in Therapeutic Recreation (3)
LEI 4713 Principles & Practices in Therapeutic Recreation (3)
LEI 4718 Assessment & Documentation in Therapeutic Recreation (3)

THERAPEUTIC RECREATION CERTIFICATE
College of Health Professions
Division of Health Sciences
Web Address: www.fgcu.edu/chp/hs
Catalog Year 2007-2008

Note: Applications are not being accepted to this certificate.

Admission Requirements
1) Submission of a FGCU Post-Baccalaureate Non-Degree Application to the Office of Graduate Admissions.
2) Submission of a completed application for the Therapeutic Recreation Certificate program to the Division of Health Sciences.
3) Graduation from a baccalaureate level program from an accredited college or university documented by official transcripts.
4) Minimum score of 550 on TOEFL or 6.5 on IELTS for international students who speak English as a second language.

Applicants may apply for either spring or fall admission. To assure consideration, applicants must be admitted to FGCU and supplemental application materials must be submitted to the College of Health Professions – Division of Health Sciences.

Required Courses (18 hrs)
LEI 3703 Foundations of Therapeutic Recreation (3)
LEI 4706 Conceptual Issues in Therapeutic Recreation (3)
LEI 4709 Facilitation Techniques in Therapeutic Recreation (3)
LEI 4711 Program Development & Evaluation in Therapeutic Recreation (3)
LEI 4713 Principles & Practices in Therapeutic Recreation (3)
LEI 4718 Assessment & Documentation in Therapeutic Recreation (3)

Additional Graduation Requirements
• Earn a minimum of 18 semester hours with a cumulative grade point average of 2.0 on all course work attempted at FGCU.
• Earn a grade of C or above in all required courses. A grade of C- does not satisfy the requirement of a minimum grade of C.
COMMON COURSE NUMBERING
Florida's Statewide Course Numbering System

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida’s Statewide Course Numbering System. This numbering system is used by all public postsecondary institutions in Florida and 33 participating non-public institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the Statewide Course Numbering System (SCNS). The list of course prefixes and numbers, along with their generic titles, is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “course equivalency profiles.”

Example of course identifier:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level</th>
<th>Century</th>
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SYG 1010

Sociology, General Entry-level Survey Course Social Prob. No Lab. component in this course

General Rule for Course Equivalencies
Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions. (Exceptions are listed below.)

For example, a survey course in social problems is offered by 35 different postsecondary institutions. Each institution uses “SYG 010” to identify its social problems course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, “SYG” means “Sociology, General,” the century digit “0” represents “Entry-level General Sociology,” the decade digit “1” represents “Survey Course,” and the unit digit “0” represents “Social Problems.”

In science and other areas, a “C” or “L” after the course number is known as a lab indicator. The “C” represents a combined lecture and laboratory course that meets in the same place at the same time. The “L” represents a laboratory course or the laboratory part of a course, having the same prefix and course number without a lab indicator, which meets at a different time or place.

Transfer of any successfully completed course from one institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, SYG 1010 is offered at a community college. The same course is offered at a state university as SYG 2010. A student who has successfully complete SYG 1010 at the community college is guaranteed to receive transfer credit for SYG 2010 at the state university if the student transfers. The student cannot be required to take SYG 2010 again since SYG 1010 is equivalent to SYG 2010. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to the native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed that have not been designated as equivalent.

The Course Prefix
The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or sub-category of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

Authority for Acceptance of Equivalent Courses
Section 1007.24(7), Florida Statutes, states:

Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions, and participating non-public postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency
The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution.

A. Courses not offered by the receiving institution
B. Courses with the last three digits ranging from 900-999 (e.g., ART 2905)
C. College preparatory and vocational preparatory courses
D. Internships, practica, clinical experiences, and study abroad courses with numbers other than those ranging from 900-999
E. Applied performance or studio courses in Art, Dance, Interior Design, Music and Theatre
F. Skills courses in Criminal Justice
G. Graduate courses
H. For courses at non-regionally accredited institutions, courses offered prior to the established transfer date of
Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to Dr. Cathy Duff in the Office of Curriculum and Instruction or the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32399-0400. Special reports and technical information may be requested by calling the Statewide Course Numbering System office at (850) 245-0427, SunCom 205-0427 or via the internet at http://scns.fldoe.org.
COURSE INFORMATION

Course Information

Course descriptions, prerequisites, corequisites are available on the FGCU website at http://admin.fgcu.edu/is/applications/banner/coursedesc.asp

Availability of Courses

The university does not offer all of the courses listed in the catalog each year. The Schedule of Classes should be consulted to determine which courses are offered each semester.

Definition of Prefixes

ACG Accounting: General
ADV Advertising
AEB Agriculture Economics and Bus.
AFA African-American Studies
AFH African History
AFS African Studies
AMH American History
AML American Literature
AMS American Studies
ANT Anthropology
ARE Education: Art Education
ARH Art History
ART Art
ASH Asian History
ASN Asian Studies
AST Astronomy
BCH Biochemistry (Biophysics)
BOT Botany
BSC Biological Science
BUL Business Law
CAP Computer Applications
CBH Comparative Psy & Anim. Beh.
CCJ Criminal Justice
CDA Computer Design/Arch.
CEN Computer Engineering
CGS Computers General Studies
CHI Chinese
CHM Chemistry
CHS Chemistry – Specialized
CJC Corrections
CJE Law Enforcement
CJJ Juvenile Justice
CJL Law & Process
CLP Clinical Psychology
CMM Creek/Muskogee/Mikasuki
COM Communication
COP Computer Programming
COT Computer Theory
CPO Comparative Politics
CPS Comparative Policy Studies
CRW Creative Writing
DAA Dance Activities
DEP Developmental Psychology
ECO Economics
ECP Economic Problems & Policy
ECS Economic Systems & Development
EDA Educational Administration
EDE Education: Elementary
EDF Education: Found. & Policy
EDG Education: General
EDM Education: Middle School
EDS Education Supervision
ECC Education: Early Childhood
EED Education: Emotional Disorders
EEL Engineering: Electrical
EEX Education: Excp. Child Core
EGC Education: Guid. & Counseling
EGI Education: Gifted
EGN Engineering
ELD Education: Spec. Learn. Disab
EME Education: Technology & Media
EMR Education: Mental Retardation
ENC English Composition
ENG English - General
ENL English Literature
ENS English as a Second Language
ESE Education: Secondary
ESL English as Second Language
EUH European History
EUS European Studies
EVR Environmental Studies
EVS Environmental Science
EXP Experimental Psychology
FIL Film
FIN Finance
FRE French Language
GEA Geography: Regional Areas
GEB General Business
GEO Geography: Systematic
GER German
GEY Gerontology
GLY Geology
GRA Graphic Arts
GRE Classical Greek (Language Study)
HEB Ancient Hebrew
HFT Hospitality Management
HIS General History
HLP Health/Leisure/Physical Education
HSA Health Services Administration
HSC Health Sciences
HUM Humanities
HUN Human Nutrition
HUS Human Services
IDH Interdisciplinary Honors
IDS Interdisciplinary Studies
IHS Interdisciplinary Health Svcs
INP Indus. & Applied Psychology
INR International Relations
ISC Interdisciplinary Science
ISM Computer Information Systems
ISS Interdisc. Social Sciences
ITA Italian Language
JOU Journalism
JPN Japanese
KOR Korean Language
LAE Language Arts & English Ed.
LAT Latin (Language Study)
LEI Leisure
LAH Latin American History
LAS Latin American Studies
LIN Linguistics
LIS Library Science
LIT Literature
MAA Mathematics-Analysis
MAC Math Calculus & Precalculus
MAD Mathematics-Discrete
MAE Education: Mathematics Ed
MAN Management
MAP Mathematics Applied
MAR Marketing
MAS Mathematics-Algebraic Struct.
MAT Mathematics
MCB Microbiology
MGF Mathematics-General & Finite
MHF Mathematics-History & Found.
MHS Ed Counseling Mental Hlth Svcs
MLS Medical Lab. Science
MMC Mass Media Communication
MTG Math-Topology & Geometry
MUE Music: Education
MUH Music: History/Musicology
MUL Music Literature
MUN Music Ensembles
MUS Music
MUT Music: Theory
MVB Applied Music: Brasses
MVK Applied Music: Keyboard
MVS Applied Music: Strings
MVV Applied Music: Voice
MWW Applied Music: Woodwinds
NGR Nursing, Graduate
NUR Nursing Undergraduate
OCC Biological Oceanography
OCE Oceanography: General
OCG Geological Oceanography
ORH Ornamental Horticulture
ORI Oral Interpretation
OTH Occupational Therapy
PAD Public Administration
PCB Process Biology
PEL Phys. Edu. Acts. – (Gen) Object Centrd., Land
PET Education: Physical Ed Theory
PGY Photography
PHH Philosophy, History of
PHI Philosophy
PHM Philosophy of Man and Society
PHP Philosophers and Schools
PHT Physical Therapy
PHY Physics
PHZ Physics (continued)
PLA Paralegal/Legal Assistant/Legal Administration
POR Portuguese Language
POS Political Science
POT Political Theory
PPE Personality
PSB Psychobiology
PSY Psychology
PUP Public Policy
PUR Public Relations
QMB Quant. Methods in Business
REA Reading
RED Reading Education
REE Real Estate
REL Religion
RMI Risk Mngt. & Insurancce
RTT Radio/Television Technology
RTV Radio/Television
RUS Russian Language
SCE Education: Science Education
SDS Education: Student Develop Svcs
SLS Student Life Skills (Learning)
SOP Social Psychology
SOW Social Work
SPA Speech Path. & Audiology
SPC Speech Communication
SPM Sports Management
SPN Spanish Language
SPT Spanish Lit. in Translation
SPW Spanish Lit. (Writings)
SSC Social Science Elective
SSE Education: Social Studies Ed
STA Statistics
SYA Sociological Analysis
SYD Socio. of Demo. & Area Studies
SYG Sociology, General
SYO Social Organization
SYP Social Processes

TAX Taxation
THE Theatre
TPA Theatre Prod. & Admin.
TPP Theatre Perf. & Perf. Training
TSL Teaching Eng. as Second Lang.
URP Urban and Regional Planning
WOH World History
WST Women’s Studies
ZOO Zoology
ACG 2021 Core Concepts in Accounting I 3 credits
Accounting information needs of various stakeholders, including managers, owners and creditors (capital markets), governmental agencies, and others. Topics include accounting and business vocabulary, the accounting process, income measurements, cash flow analysis, assets, liabilities, and financial statement content and analysis.
Prerequisites: CGS 1100 with a minimum grade of C

ACG 2071 Core Concepts of Accounting II 3 credits
Introduction to core concepts of financial and managerial accounting. Focus on managerial decision making and information needs of managers. Topics include break-even analysis, traditional and non-traditional measures of performance, capital budgeting, TQM, ISO-9000, and the global economy.
Prerequisites: ACG 2021 with a minimum grade of C

ACG 2091 Accounting Tools 2 credits
A course designed to prepare students to major in accounting. Course topics focus not only on gaining a clear understanding of business transactions, but also on how to use accounting facts and procedures in various business contexts. (May be taken concurrently with ACG 2071).
Prerequisites: CGS 1100 with a minimum grade of B and ACG 2021 with a minimum grade of B

ACG 3103 Financial Report & Analysis I 4 credits
Studies the measurement, reporting, and analysis of financial information under generally accepted accounting principles (GAAP). Selected topics include standard setting, conceptual framework, accounting process, financial statements, time-value of money, cash, receivables, inventory, property plant and equipment, current and long-term liabilities, and an introduction to stockholders' equity.
Prerequisites: ACG 2071 with a minimum grade of B and ACG 2091 with a minimum grade of B and ACG 2021 with a minimum grade of B

ACG 3113 Financial Report & Analysis II 3 credits
Studies the measurement, reporting, and analysis of financial information under generally accepted accounting principles (GAAP) beyond Financial Reporting & Analysis I. Selected topics include stockholders' equity, earnings per share, investments, revenue recognition, income tax accounting, pensions, leases, accounting changes, cash flows, and full disclosures in Financial Reporting.
Prerequisites: ACG 3103 with a minimum grade of C

ACG 3341 Cost Accounting 3 credits
A thorough study of the principles and techniques used to accumulate costs for inventory valuation, product, service pricing, and managerial decision making. Topics include problems and procedures related to job-order, process, and activity based costing systems, as well as budgeting, standard costing and variances and cost allocations.
Prerequisites: ACG 2071 with a minimum grade of B and CGS 1100 with a minimum grade of B

ACG 3401 Accounting Information Systems 3 credits
Primary processes, or cycles, of organizations, and the risks associated with each event in the processes. Emphasis is placed on controlling risks and minimizing the potential impact they have on businesses. Topics include sales cycle, purchases cycle, payroll cycle, controls, general ledger architecture, and event based information systems.
Prerequisites: ACG 2071 with a minimum grade of B and ACG 2021 with a minimum grade of B and ISM 3011 with a minimum grade of C

ACG 4501 Government & Not-for-Profit 3 credits
Application of financial and managerial accounting and auditing principles and theory to both governmental and not-for-profit entities.
Prerequisites: ACG 3103 with a minimum grade of C

ACG 4632 Independent Audit I 3 credits
Studies the role of the auditor and client in independent audits guided by generally accepted auditing standards (GAAS). The auditing profession, process, and applications provide the foundation for this course.
Prerequisites: ACG 3401 with a minimum grade of C and ACG 3113 with a minimum grade of C

ACG 4684 Fraud Investigation 3 credits
The course further problem solving ability by increasing the student's knowledge of modern fraud and financial investigations. Topics covered include the nature of fraud, detecting and preventing fraud, and various methods of proof for investigations.
Prerequisites: ACG 3103 and ACG 4632 and BUL 3320

ACG 4901 Directed Study in Accounting 1 to 3 credits
Students explore current topics in accounting. A detailed research project must be completed under faculty supervision. (Senior standing and permission of instructor required)

ACG 4939 Special Topics in Accounting 3 credits
Topics of special or current interest, such as history and evolution of accounting standards, accounting methods for specific industries, and emerging issues. (Senior standing)

ACG 4940 Accounting Internship 3 credits
Supervised work experience in accounting. Students must obtain prior approval from the Accounting Internship Coordinator and submit a written report at the end of the internship. (S/U only) (Departmental approval required)
Prerequisites: ACG 3103 with a minimum grade of C and ACG 3401 with a minimum grade of C

ACG 5655 Independent Audit II 3 credits
Expands upon Independent Audit I to include topics on the development of auditing as a profession and the current issues faced by those in the profession. Readings are drawn primarily from contemporary literature in the field. In addition, reviews and compilations, international auditing issues, and governmental auditing will be covered.
Prerequisites: ACG 4632

ACG 6025 Accounting Fundamentals for Mgrs 3 credits
A study of the users and uses of accounting information for decision making. The economic impacts of business transactions and the flow of related data through accounting information systems are explored. Topics include accounting systems, data needs of different users of accounting information, accrual vs. cash flow measures of performance, cost systems, and decision analysis tools. (Course does not meet Florida CPA requirements.)

ACG 6075 Managerial Accounting 3 credits
An examination of the role of accounting information in managing economic organizations. Emphasis on the efficient allocation and consumption of resources and the need for managers to recognize and respond to challenges and opportunities in a high-tech, global market economy.
Prerequisites: ACG 6025

ACG 6135 Accounting Theory 3 credits
Analysis of trends in accounting through the review of various professional publications and official pronouncements. Completion of an in-depth review of a current topic is required.
Prerequisites: ACG 3113

Prerequisites: CGS 1100 with a minimum grade of C

ACG 3103 Financial Report & Analysis I 4 credits
Prerequisites: ACG 3103 with a minimum grade of C and ACG 3401 with a minimum grade of C and ACG 3113 with a minimum grade of C

ACG 4632 Independent Audit I 3 credits
Prerequisites: ACG 3103 with a minimum grade of C and ACG 3113 with a minimum grade of C

ACG 4684 Fraud Investigation 3 credits
Prerequisites: ACG 3103 and ACG 4632 and BUL 3320

ACG 4901 Directed Study in Accounting 1 to 3 credits
Prerequisites: ACG 3103 and ACG 4632 and BUL 3320

ACG 4939 Special Topics in Accounting 3 credits
Prerequisites: ACG 3103 and ACG 4632 and BUL 3320

ACG 4940 Accounting Internship 3 credits
Prerequisites: ACG 3103 and ACG 4632 and BUL 3320

ACG 5655 Independent Audit II 3 credits
Prerequisites: ACG 3103 and ACG 4632 and BUL 3320

ACG 6025 Accounting Fundamentals for Mgrs 3 credits
Prerequisites: ACG 3103 and ACG 4632 and BUL 3320

ACG 6075 Managerial Accounting 3 credits
Prerequisites: ACG 3103 and ACG 4632 and BUL 3320

ACG 6135 Accounting Theory 3 credits
Prerequisites: ACG 3103 and ACG 4632 and BUL 3320

Course Descriptions
ACG 6205 Acct for Complex Organizations 3 credits
The application of generally accepted accounting principles to corporations with investments in subsidiaries. Topics include the preparation of consolidated financial statements and consideration of other complicating factors, such as minority interest, inter-company transactions, and an introduction to international operations. In addition, the accounting issues of bankruptcy, partnerships, branch operations, leveraged buy-outs and takeovers are covered.
Prerequisites: ACG 3113

ACG 6255 International Accounting 3 credits
Introduces students to financial statements prepared by non-US based businesses. Topics include the differences in accounting standards between those that prevail in the US and those of the host country, and the cultural differences between the countries. Particular attention is paid to business entities based in the Greater Caribbean Basin and Western Europe.
Prerequisites: ACG 3113

ACG 6346 Advanced Cost Accounting 3 credits
Advanced study of issues facing accountants in industry. Topics include the Statements on Management Accounting, environmental accounting, target costing, balanced scorecard technique for measuring total business unit performance, and financial measures of performance such as economic value added.
Prerequisites: ACG 3341

ACG 6405 Adv Acct Information Systems 3 credits
Builds on systems and accounting knowledge gained in undergraduate programs. (Prerequisite may be waived with permission of instructor.)
Prerequisites: ACG 3401

ACG 6905 Directed Study in Accounting 1 to 3 credits
Individual study and research under faculty direction. Topics vary and are usually selected on an individual basis. Detailed project and/or paper must be completed. (Permission of instructor and department required)

ACG 6935 Special Topics in Accounting 1 to 4 credits
A comprehensive survey of selected contemporary issues and topics in accounting at the graduate level. Individual investigation and reporting emphasized in seminar fashion.

ACG 6940 Accounting Internship 3 credits
An experiential learning exercise that applies practical application of knowledge acquired in the classroom. S/U only. (Permission of department required)
Prerequisites: ACG 3103 and ACG 3401

ADV 3001 Creative Strategy 3 credits
The development of effective strategies and creative executions used in advertising communications including skill-building preparation of creative briefs, copywriting, and design for print, broadcast, out-of-home, and alternative media.
Prerequisites: ADV 3000 with a minimum grade of C and MAR 3023 with a minimum grade of C

ADV 3008 Principles of Advertising 3 credits
Introduction to the role of advertising communication in society, business and economics. Topics include historical perspectives, ethics, research and evaluation, objective setting/strategies planning for creativity, and mass media, within marketing planning. (Junior standing required)

ADV 3101 Promotional Writing & Design 3 credits
Introduction to promotional writing across various media and visualizing work using Adobe InDesign. A skill development seminar in a "creative shop" environment covering a range of topics in advertising, public relations, and sales promotion.
Prerequisites: ADV 3000 with a minimum grade of C or MAR 3023 with a minimum grade of C

ADV 3300 Advertising Media Planning 3 credits
Strategies and techniques required to develop effective advertising plans, negotiation, media buying, and sales.
Prerequisites: ADV 3000 with a minimum grade of C or MAR 3023 with a minimum grade of C

AEB 4025 Amer Agriculture & Society 3 credits
The role of American agricultural industry in society will be investigated. Agricultural technologies, processes and production capacity will be viewed with implications to human society. Class activities and field trips will be an integral part of the course.

AFA 2000 Intro Afr Diaspora Studies 3 credits
Introduction to the sociological study of the issues of race, sex, and social class, including the treatment of these issues by society. At least 6,000 words of graded written work are required (Gordon Rule).

AFA 3900 Directed Readings 1 to 3 credits
Under the guidance and supervision of an instructor, students develop a program of reading and possibly research which fits their individual interest, needs, or topic.

AFA 3910 Directed Independent Study 1 to 3 credits
An opportunity for students to engage in research of their choice in special areas of interest. The research may be carried out on an individual or group basis but must be under the supervision of the instructor. This course is intended to help students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting.

AFA 3931 Sel. Topics in Afr. & Dias. St 3 credits
An introduction to the sociological study of the issues of race, sex, and social class, examining a number of issues facing American society today and how these issues are inter-related. Special emphasis will be placed on discussing how these problems are (or are not) dealt with in our society. At least 6,000 word of graded written work are required (Gordon Rule).

AFA 4150 Africa & the United States 3 credits
An examination of the historical and current political, economic, and cultural relations between the United States and Africa.

AFA 4331 Social Inst. & the Afr-Am Comm 3 credits
A study of social institutions as they relate to the Africa-American Community.

AFA 4335 Women of Color in the U.S. 3 credits
An interdisciplinary survey of the contemporary experience of women of color in the United States, including a discussion of the socio-historical and cultural histories, myths and realities of these women.

AFH 3100 African History to 1850 3 credits
An outline survey of pre-colonial African history including a prefatory introduction to the use of primary sources (such as archaeology, oral tradition, cultural anthropology, comparative linguistics, documents) in reconstructing the African past.

AFH 3200 African History since 1850 3 credits
Survey of the Colonial and post-colonial history of Africa. Emphasis on the impact of European and other alien influences on the continent, emergence of independent African states, and post-independence problems of nation building and eco-
AMH 3454 The Africans 3 credits
History and contemporary life of Africa through its critical indigenous, Islamic, and Western influences. Issues may include African isolation, the development of Islam and Christianity, the development of the international slave trade, and the roots of the continent’s economic and social systems.

AMH 3250 Culture & Society in Africa 3 credits
African religion, value systems, art and the aesthetics, family and life-cycle, impact of Islam and Christianity and conflict of cultures.

AMH 3251 African Environments 3 credits
The natural environments of the African and critical environmental issues are examined within their ecological, cultural, economic, and historical contexts. Multiple sources of information, including scientific data and artistic impression are utilized. Prerequisites: BSC 1051C with a minimum grade of C or IDS 3304 with a minimum grade of C

AMH 2010 US History to 1877 3 credits
Survey of American history from pre-Columbian times through the Civil War. Special emphasis is given to critical social, cultural, and political movements and figures. At least 6,000 words of graded written work are required (Gordon Rule).

AMH 2020 US History Since 1877 3 credits
Survey of American history from the Reconstruction Era through the present. Special emphasis is given to critical social, cultural, and political movements and figures. At least 6,000 words of graded written work are required (Gordon Rule).

AMH 3110 American Colonial Hist to 1750 3 credits
Examines the evolution of American society from the earliest European-Native American contact through the eye of the American Revolution. Emphasis is on the transformation of colonial structures, expansion, ethnocultural issues, the rise of slavery, and the development of representative theories of government.

AMH 3130 AM Revolution/Constitution 3 credits
An examination of the economic, political, and social causes of the American Revolution. The writing and ratifying of the American constitution will be the origins of the Constitution; and the Washington and Adams administrations.

AMH 3141 U.S. History 1800-1860 3 credits
Examines American history from 1800-1860. Special emphasis will be placed on the emergence of political parties and social attitudes as well as government policies toward Native Americans and African Americans.

AMH 3172 The Civil War 3 credits
The American Civil War with emphasizes on the complex causes and lasting effects of this conflict of the battles, home fronts, ordinary soldiers, African-Americans, and military and political leaders of this era.

AMH 3201 The U.S., 1877-1929 3 credits
Examines the nature of American history from the end of Reconstruction through the stock market crash of the late 1920s, emphasizing intellectual, political, economic, and social/cultural trends (including civil rights and feminism).

AMH 3252 The U.S. since 1929 3 credits
Examines American history from the Great Depression through the present, emphasizing intellectual, political, economic, and social trends. Discussions of interrelatedness of these movements and of the diverse character of America.

AMH 3421 Early Florida 3 credits
Examines the history of Florida from the time of its first recorded human inhabitants through the creation of the State of Florida with its distinct local and regional characteristics in the years prior to the Civil War.

AMH 3423 Modern Florida 3 credits
Examines Florida history from the Civil War through contemporary time, emphasizing the dramatically changing social, cultural, political, and economic milieu of the state. Geographical and environmental awareness will underscore all aspects of the course.

AMH 3571 African-Amer History to 1865 3 credits
A survey of the black American experience from it roots in Africa through the Civil War. Emphasis is given to developing a critical understanding of the unique nature of the black American experience and the importance of African-American contributions to American history.

AMH 3572 African-Amer Hist since 1865 3 credits
A survey of the black American experience since the Reconstruction Era. Emphasis is given to developing a critical understanding of the unique nature of the black American experience, the importance of African-American contributions to American history, and the significance of contemporary civil rights.

AMH 3930 Undergrad. Sem. in Amer. Hist. 3 credits
Emphasizes selected historical issues or problems of particular interest to students. Topics may vary and will incorporate interdisciplinary approaches.

AMH 4270 U.S. in the Cold War 3 credits
Examines American involvement in the Cold War. Special emphasis will be placed on the evolution of American foreign policy and how the Cold War affected American culture.

AMH 4428 Southwest Florida History 3 credits
Intensive examination of the regional human experience in Southwest Florida, beginning with the movements of humans into the peninsula 12,000 years ago. Traces the complex developments in this region through European contact, colonialism, statehood, Civil War and Reconstruction, land boom, depression, wartime, and the second land boom modern era.

AMH 4512 Diplomatic History of the U.S. 3 credits
Examines the history of American Diplomacy from its formation during the Revolutionary era to the present. Emphasis will be placed on how American social development has influenced its diplomacy.

AMH 4550 Constitutional Hist of the US 3 credits
The origins and growth of American constitutional theory from colonial times to the present. Emphasis will be placed on the role of the Supreme Court in relation to political and constitutional issues.

AML 2010 Literature & Culture of US, I 3 credits
Survey of the literature of the United States from Native American Oral Traditions to the Civil War. Centers on both canonical and marginal texts in their cultural and historical contexts. Prerequisites:

AML 2020 Literature & Culture of US, II 3 credits
Survey of the literature of the United States from the Civil War to the present. Centers on both canonical and marginal texts in their cultural and historical contexts.
Prerequisites:

AML 3213 Explor, Col, & Early Nat Lit 3 credits
Readings course on the literature and culture of the exploration and colonization of the new world, as well as of the early national period of the United States. Intense study of authors/works and their contexts.

AML 3220 19th Cent US Lit & Culture 3 credits
Readings course on the literature and culture of the nineteenth century in the United States. Intense study of authors/works and their contexts.

AML 3242 20th Cent US Lit & Culture 3 credits
Readings course on the literature and culture of the twentieth century in the United States. Intense study of authors/works and their contexts.

AML 4111 US Novels of the 19th Century 3 credits
Seminar beginning with the rise of the novel in the United States in the eighteenth century and then charting its development to the Modern era.

AML 4121 US Novels of the 20th Century 3 credits
Seminar on the novel in the United States in the twentieth-century.

AML 4261 Literature of the South 3 credits
Seminar on critical study of various Southern writers in the United States in their historical contexts.

AML 4265 Florida Writers 3 credits
Seminar on writers who have lived in and/or written about Florida, such as Hemingway, Hurston, Rawlings, and Stevens.

AML 4300 Selected Authors from U.S. 3 credits
Seminar on selected writers from the United States. This course may be repeated with a change of content for up to 6 hours.

AML 4604 Seminar in African-Amer Lit 3 credits
Seminar on selected topics in African-American Literature, including such topics as the Slave Narrative, the Harlem Renaissance, Contemporary African-American Literature, or a selection of African-American writers.

AML 4624 Lit by Women of Color 3 credits
Seminar on contemporary women writers of color in the United States: Native-Americans, Asian-Americans, African-Americans, and Latinas. This course is cross-listed under WST 4262.

AML 4630 Latino Literature 3 credits
Readings course exploring the multiple identities designated by the term “Hispanic” in the United States as they are represented in literature. Surveys the diversity of Latino poetry and fiction, including works by both popular and lesser-known Hispanic writers.

AML 4703 The Immigrant Exp in Lit of US 3 credits
Readings course traces the diverse cultural history of the United States from the 19th century to the present by examining various literary accounts of the immigrant experience. Exploration of the ways that ethnic assimilation tales both reflect and subvert a “melting pot” ideology and consideration of the influence of “new ethnicity” movements on the status of ethnic literature in the post-60s United States.

AML 4930 Selected Topics/Amer Lit 3 credits
Seminar with in-depth study of a particular topic or issue as it is dealt with in United States literature and culture.

AML 6017 American Literature to 1860 3 credits
Studies in American Literature to 1860.

AML 6027 Lit. of the U.S. after 1900 3 credits
Examines literature and criticism within the cultural context of the United States since the beginning of the twentieth century.

AML 6268 Regional U.S. Literature 3 credits
A study of the literature and culture of a particular geographic region of the United States.

AML 6305 Major U.S. Authors 3 credits
Examines the life and works of one or more U.S. authors. May be repeated once with a change in content.

AML 6910 Directed Research 3 credits
Supervised research in preparation for writing a thesis on a topic in the literature of the United States. Approval of the coordinator of graduate studies required.

AML 6930 ST: US Literature and Culture 3 credits
Focused study of a specific topic or issue in the literature and culture of the United States. Course may be repeated once with a change in content.

AMS 3700 Racism in American Society 3 credits
An introduction into the causes and effects of racism in American history, literature, art, the media, and folklore. Related concepts of ethnocentrism and class conflict will also be studied.

ANT 2000 Intro to Anthropology 3 credits
A study of human species from both a biological and social perspective. The course surveys four major branches of anthropology: physical anthropology, archaeology, linguistic anthropology, and cultural anthropology.

ANT 2100 Introduction to Archaeology 3 credits
The historical and theoretical backgrounds of Archaeology, the goals and methods of Archaeology, and Archaeological fieldwork techniques.

ANT 2211 Peoples of the World 3 credits
Survey of the world's known cultures by major geographic region. Topics cover the range and variety of the human condition. At least 6,000 words of graded written work are required (Gordon Rule).

ANT 2395 Intro, to Visual Anthropology 3 credits
An overview of the visual image, Visual Anthropology examines past and current museum exhibits, film and photographs as venues for communicating cultural values and ideals, as well as social, economic, and political aspects of society.

ANT 2410 Cultural Anthropology 3 credits
Introduction to human diversity as expressed through communities and ethnic groups worldwide.

ANT 2511 Intro to Physical Anthropology 3 credits
The evolution of humankind and range and extent of modern human physical diversity. Topics may include primates, paleoanthropology, anthropometry and range methods and techniques employed in this field. Prerequisites: Fee Required

ANT 3141 Dev. of World Civ. 3 credits
Discussion of archeological evidence for the development of
civilization in its regional variants from the earliest beginning
to the dawn of written history. Analysis of causes of cultural
development in Old and New World centers.
Prerequisites: ANT 2000 or ANT 2410 or ANT 2100

ANT 3143 Archaeology of Europe 3 credits
Explores and analyzes the sequence of cultural development
in prehistoric Europe. A variety of cultures and culture areas
including Nordic, Celtic, Pictish, Roman and Phonecian are
examined. An emphasis is placed on environmental setting and
its relationship to cultural complexity and duration in the
archaeological record.
Prerequisites: ANT 2100 with a minimum grade of C or ANT
2410 with a minimum grade of C or ANT 2000 with a minimum
grade of C

ANT 3158 Florida Archaeology 3 credits
Explores the cultural expressions of Florida’s indigenous people
from the Paleo-Indian period through the time of European
contact and subsequent conquest. Overviews the temporal,
cultural and spatial relationships within Florida and the broader
regional archaeology.
Prerequisites: ANT 2100 with a minimum grade of C or ANT
2410 with a minimum grade of C or ANT 2000 with a minimum
grade of C

ANT 3231 Introduction to Folklore 3 credits
Introduction to the cross-cultural methods and techniques
regarding the collection, classification, and analysis of such materials
as myths, jokes, games, and items of material culture.

ANT 3305 Anthropology of the Coastal Zone 3 credits
Applies anthropological perspectives to the study of coastal
communities including past and present human adaptations
to coastal environments, as well as environmental degradation
and policy issues. Covers a wide range of cultures, including Florida, Caribbean and Southeast Asia.
Prerequisites: ANT 2000 or ANT 2410 or SYG 2000 or SYG 2010

ANT 3312 Native American Cultures 3 credits
Introduction to the diversity of Native American cultures
through ethnographic description examining adaptive responses
to the environment and culture contact.
Prerequisites: ANT 2000 with a minimum grade of C or ANT
2410 with a minimum grade of C

ANT 3340 Caribbean Cultural Patterns 3 credits
Introduction to human diversity as expressed through state, communities and ethnic groups of the Caribbean region.
Prerequisites: ANT 2000 with a minimum grade of C or ANT
2410 with a minimum grade of C

ANT 3403 Cultural Ecology 3 credits
The study of the relationships between humans and their environments. Emphasis on the adaptive importance of culture and the modifications made to environments by humans to achieve better fit. Topics may include social structures, behavioral norms, belief systems, values, ethics, and technology.
Prerequisites: ANT 2000 or ANT 2410 with a minimum grade of C

ANT 3461 Folk Medicine 3 credits
This course examines traditional medical systems and contemporary alternative medicine and related cultural beliefs, behavior, and taboos. The course includes the role of the traditional healer, ethnobotany, and the relationship to biomedicine.
Prerequisites: ANT 2000 or ANT 2410

ANT 3467 Anthropology of Food 3 credits
Explores how food and food related activities are woven into biological, economic, historic and social aspects of human behavior. With a variable regional focus, students will consider how all food ways including their own relate to biological requirements within cultural contexts.
Prerequisites: ANT 2100 with a minimum grade of C or ANT
2410 with a minimum grade of C or ANT 2000 with a minimum grade of C

ANT 3495 Methods in Anthro Research 3 credits
Introduction to qualitative and quantitative data collection through ethnography, cognitive domain analysis, ethnographic decision modeling, survey creation, and data collection and analysis. The goal of the course is to present an overview of methods available for research and to apply one of the techniques in depth to a community issue.
Prerequisites: ANT 2000 or ANT 2410

ANT 3520 Forensic Anthropology 3 credits
Forensic anthropology is a survey and analysis of the human anatomy with specific attention to injuries and death pertaining to wrongful criminal conduct and the decomposition of the tissues and skeletal remains. The curriculum also delineates anatomy pursuant to age, sex, and race.
Prerequisites: ANT 2511 with a minimum grade of C
Fee Required

ANT 3640 Language and Culture 3 credits
An applied approach to anthropological linguistics focusing on methods to develop materials for language retention programs in cultures without a written tradition. The goals of the course are to understand the importance of language in cultural identity and the problems faced by minority populations in language retention. Material will cover language structure, description and analysis, language acquisition, language loss, comparative studies of speech, communication, and sociolinguistics.
Prerequisites: ANT 2410 with a minimum grade of C

ANT 3824 Archaeological Field Methods 6 credits
This six-credit field practicum covers many aspects of archaeological field work methods including: reconnaissance survey, site mapping and stratigraphic excavation. Students also gain experience in the use of survey equipment, cartographic illustration and statistical analysis.
Prerequisites: ANT 2100 with a minimum grade of C or ANT
2410 with a minimum grade of C or ANT 2511 with a minimum grade of C

ANT 3824L Archaeological Field Lab 3 credits
This three-credit laboratory course complements the archaeological field course. Offered concurrently or separately, the course covers post-excavation analysis and interpretation methods. Students also gain experience in cataloging, curation, preservation and statistical analysis.
Prerequisites: ANT 2000 with a minimum grade of C or ANT
2100 with a minimum grade of C or ANT 2410 with a minimum grade of C or ANT 2511 with a minimum grade of C
Fee Required

ANT 3905 Ind. Study in Anthropology 3 credits
Individual study by students under the direction of a faculty member.
Prerequisites: ANT 2000 with a minimum grade of C or ANT
2410 with a minimum grade of C or ANT 2100 with a minimum grade of C

ANT 4034 History of Anthro Thought 3 credits
A survey of the major schools of anthropological thought taught from an historical perspective. In addition to understanding the background of scientific anthropology, students
will become versed in humanistic approaches to contemporary theory.
Prerequisites: ANT 2000 with a minimum grade of C or ANT 2410 with a minimum grade of C

ANT 4241 Magic and Religion 3 credits
Cross-cultural study of the social and cultural aspects of religion. Topics may include religious and magic activities in the traditional and modern societies, and ritual behavior, religious practitioners and symbols of belief and their impact on the social, political or economic aspects of peoples’ lives. Prerequisites: ANT 2410 with a minimum grade of C or ANT 2000 with a minimum grade of C

ANT 4311 Southeastern Native Americans 3 credits
Survey of prehistoric and historic cultural conditions of the Southeastern United States by focusing on major culture areas. Specific tribes including the indigenous people of Florida will be detailed in ethnography. At least 6,000 words of graded written work are required (Gordon Rule). Prerequisites: ANT 2000 with a passing grade

ANT 4316 Cultures of the Contemp. South 3 credits
The diversity of the contemporary South through ethnography with special attention to the concept of community, change, and continuity in the region. Contemporary issues facing the area are investigated from an historical perspective. At least 6,000 words of graded written work are required (Gordon Rule). Prerequisites: ANT 2000

ANT 4462 Medical Anthropology 3 credits
An examination of illness, behavior, biomedical and traditional healing systems from a comparative perspective. Provides insights into the inter-relatedness of technology, ecology, and health in larger populations. At least 6,000 words of graded written work are required (Gordon Rule). Prerequisites: ANT 2000 with a minimum grade of C or ANT 2511 with a minimum grade of C

ANT 4930 Special Topics in Anthropology 3 to 6 credits
Specialized subjects and topics in anthropology. Topics may vary. May be repeated to a maximum of 9 credit hours which topics vary. Prerequisites: ANT 2000 with a minimum grade of C or ANT 2100 with a minimum grade of C or ANT 2410 with a minimum grade of C
Fee Required

ANT 4931 Senior Seminar in Anthropology 3 credits
Capstone experience focusing on student’s individual research interests and reflection of personal, intellectual development through anthropology.

ANT 4940 Anthropology Internship 3 credits
This course provides students with experiential learning and opportunity to employ anthropological perspective, and methods in settings beyond classroom.

APK 4120C Clinical Exercise Physiology 3 credits
Studies exercise physiology in populations that have been diagnosed with cardiac, pulmonary, metabolic and musculoskeletal diseases. Prerequisites: PET 4380C

ARE 4313 Art for the Child 3 credits
Art for the child methods and materials of using art in the elementary classroom. Fee Required

ARH 2050 History of the Visual Arts I 3 credits
Introductory survey of artistic styles and traditions from ancient through medieval periods. Emphasis is placed on studying works within their historical and cultural contexts. This course fulfills a Humanities requirement in General Education.

ARH 2051 History of the Visual Arts II 3 credits
Introductory survey of artistic styles and traditions from the Renaissance through contemporary periods. Emphasis is placed on studying works within their historical and cultural contexts. This course fulfills a Humanities requirement in General Education. Prerequisites:

ARH 2500 Survey of Non-Western Art 3 credits
Introductory survey of styles and traditions in art from African, Asian, Oceanic, and Native American cultures. Emphasis is placed on learning art historical terms and methods, and on placing works within their historical and cultural contexts.

ARH 3170 Greek and Roman Art 3 credits
Survey of art and architecture from ancient Aegean, Greek, Hellenistic, Etruscan, and Roman periods. Emphasis is placed on analyzing works within their historical and cultural contexts. Prerequisites: ARH 2050 with a minimum grade of C

ARH 3200 Medieval Art 3 credits
Survey of art and architecture from Early Christian, Byzantine, Early Medieval, Romanesque, and Gothic periods. Emphasis is placed on analyzing works within their historical and cultural contexts. Prerequisites: ARH 2050 with a minimum grade of C

ARH 3301 Renaissance and Mannerist Art 3 credits
Survey of art and architecture from Italy and Northern Europe during the fourteenth through sixteenth centuries. Emphasis is placed on analyzing works within their historical and cultural contexts. Prerequisites: ARH 2050 with a minimum grade of C

ARH 3430 Nineteenth Century Art 3 credits
Surveys European art, architecture, and decorative arts from the Louis XV period through the age of revolution to realism and post-impressionism. Integrates social, political, and cultural currents of the time, stressing the evolution of modernism. Prerequisites: ARH 2051 with a minimum grade of C

ARH 3450 Twentieth Century Art 3 credits
Surveys twentieth century European modernism including France, Germany, Italy, Russia, the Netherlands and Britain. Covers fauvism, expressionism, cubism, primitivism, futurism, dada, abstract art, surrealism, and related developments in the years immediately following World War II. Prerequisites: ARH 2051 with a minimum grade of C

ARH 3520 African Art 3 credits
Surveys African visual arts, including architecture. Emphasizes the social and political contexts of art in city-states, chiefdoms, and rural settings. Includes traditional genres as well as postcolonial and contemporary art in Africa. Junior standing required.

ARH 3530 Asian Art 3 credits
Survey of art and architecture from India, China, Korea, Japan, and Southeast Asia, covering ancient through contemporary periods. Emphasis is placed on analyzing works within their historical and cultural contexts. Junior standing required.

ARH 3670 Caribbean Art 3 credits
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Prerequisites</th>
<th>Fee Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 4905</td>
<td>Directed Independent Study</td>
<td>3</td>
<td>Selected advanced topics for independent study and research in the history of art, with subjects ranging from ancient to contemporary. Permission of instructor required.</td>
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</tr>
<tr>
<td>ARH 4930</td>
<td>Special Topics in Art History</td>
<td>3</td>
<td>Selected advanced topics in the history of art, with subjects ranging from ancient to contemporary.</td>
<td>Prerequisites: ARH 2050 with a minimum grade of C and ARH 2051 with a minimum grade of C</td>
<td></td>
</tr>
<tr>
<td>ART 1201</td>
<td>Methods and Concepts I</td>
<td>3</td>
<td>A foundation course providing students with an introduction to two-dimensional materials and processes, responsible studio practices, and art historical context. Emphasis on acrylic paint techniques and color theory.</td>
<td>Fee Required</td>
<td></td>
</tr>
<tr>
<td>ART 1203</td>
<td>Methods and Concepts II</td>
<td>3</td>
<td>A foundation course providing students with an introduction to three-dimensional materials and processes, responsible studio practices, and art historical context. Emphasis on sculptural techniques in a range of materials.</td>
<td>Fee Required</td>
<td></td>
</tr>
<tr>
<td>ART 1300</td>
<td>Drawing I</td>
<td>3</td>
<td>Observational drawing with a variety of drawing media. The course combines in-class drawing with an introduction to the vocabulary of art, as well as discussions of examples of significant historical and contemporary two-dimensional art. Also covered are issues related to the verbal and visual presentation of student art works.</td>
<td>Fee Required</td>
<td></td>
</tr>
<tr>
<td>ART 1301</td>
<td>Drawing II</td>
<td>3</td>
<td>Advanced technical and conceptual drawing skills, with an emphasis on architecture, landscape, and the figure. Related historical and contemporary art works are reviewed.</td>
<td>Prerequisites: ART 1300 with a minimum grade of C</td>
<td>Fee Required</td>
</tr>
<tr>
<td>ART 2500</td>
<td>Painting I</td>
<td>3</td>
<td>Helps students develop the skills/methods of composing images, along with in-depth study of painting techniques. The course will cover related contemporary and historical examples, with a focus on 20th century American and European painting. Issues of presentation including framing, sequencing and discussing work in public will be addressed.</td>
<td>Prerequisites: ART 1201 with a minimum grade of C and ART 1300 with a minimum grade of C</td>
<td>Fee Required</td>
</tr>
<tr>
<td>ART 2600</td>
<td>Intro to Computer Imaging</td>
<td>3</td>
<td>Introduction to the creation of computer generated images, image manipulation, appropriate hardware, and design software.</td>
<td>Prerequisites: ART 1201 with a minimum grade of C and ART 1300 with a minimum grade of C</td>
<td>Fee Required</td>
</tr>
<tr>
<td>ART 2701</td>
<td>Sculpture I</td>
<td>3</td>
<td>Covers basic sculptural processes: fabrication, carving, modeling, and casting. Modern and contemporary sculptural practices will be stressed, including installation and critical analysis.</td>
<td></td>
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</tr>
<tr>
<td>ART 2750</td>
<td>Ceramics I</td>
<td>3</td>
<td>An in-depth exploration of traditional ceramic technologies, including processing of local clays, outdoor firings, vessels construction, and non-glaze surface applications.</td>
<td>Prerequisites: ART 1203 with a minimum grade of C</td>
<td>Fee Required</td>
</tr>
<tr>
<td>ART 2752C</td>
<td>Wheel Throwing</td>
<td>3</td>
<td>An intensive introduction to the potter’s wheel. Includes both functional and non-functional forms, stoneware glazes, kiln building, and the history of utilitarian ceramics. Advanced craftsmanship expected.</td>
<td>Prerequisites: ART 2750C</td>
<td></td>
</tr>
<tr>
<td>ART 2759</td>
<td>Introduction to Ceramics</td>
<td>3</td>
<td>A broad survey of ceramic products and practices, including wheel throwing and hand building methods. A range of firing procedures will be introduced as well as an overview of ceramic history.</td>
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</tr>
<tr>
<td>ART 3332C</td>
<td>Figure Drawing</td>
<td>3</td>
<td>Advanced two-dimensional studio course, focusing on drawing from the live model in a variety of media. Related historical and contemporary examples of art making. Documentation and portfolio preparation will be discussed.</td>
<td>Prerequisites: ART 2500 with a minimum grade of C</td>
<td>Fee Required</td>
</tr>
<tr>
<td>ART 3633</td>
<td>Web Design</td>
<td>3</td>
<td>Principles of effective and functional website design, creation of websites using HTML, and website critique using internet-based course format and on-line learning methods.</td>
<td>Prerequisites: ART 2600 with a minimum grade of C</td>
<td></td>
</tr>
<tr>
<td>ART 3710</td>
<td>Sculpture II</td>
<td>3</td>
<td>Continued experience in complex three-dimensional techniques emphasizing skills enhancement, conceptual development, contemporary and historical influences, and professional preparation.</td>
<td>Prerequisites: ART 2701 with a minimum grade of C</td>
<td></td>
</tr>
<tr>
<td>ART 3738</td>
<td>Casting and Mold Making</td>
<td>3</td>
<td>Introduction to traditional and contemporary foundry techniques, includes projects in clay, plaster, bronze and concrete. Emphasis on advanced craftsmanship and the study of the history of cast sculpture.</td>
<td>Prerequisites: ART 2701 with a minimum grade of C</td>
<td></td>
</tr>
<tr>
<td>ART 3762</td>
<td>Wheel Throwing</td>
<td>3</td>
<td>An intensive introduction to the potter’s wheel. Includes both functional and non-functional forms, stoneware glazes, gas and electric kiln firing, and the history of utilitarian ceramics. Advanced craftsmanship expected.</td>
<td>Prerequisites: ART 2750 with a minimum grade of C</td>
<td>Fee Required</td>
</tr>
<tr>
<td>ART 3768</td>
<td>Clay Sculpture</td>
<td>3</td>
<td>Using clay to explore sculptural form in vessel and non-vessel</td>
<td></td>
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</tr>
</tbody>
</table>
format. Earthenware firing range and contemporary ceramic art is emphasized, and advanced craftsmanship is expected. Prerequisites: ART 2750 with a minimum grade of C
Fee Required

ART 3781 Raku Ceramics 3 credits
A survey of technical, historical and philosophical practices in raku ceramics, including both traditional and contemporary methods of forming (wheel throwing and hand building) and firing (pit, sagger, and glaze firings).
Prerequisites: ART 2750 with a minimum grade of C
Fee Required

ART 3838 Professional Practices in Art 3 credits
Designed for art majors to provide professional preparation in the art field, including resume writing, photographic documentation, website development, artist statements, exhibition planning, and marketing skills. Lecture format with presentations by guest artist from a range of career tracks. Junior standing required.
Fee Required

ART 3840 Environmental Art 3 credits
Survey of contemporary art movements focusing on the natural world, including lectures, presentations, field trips, and in-depth studio exercises. Junior standing required.
Fee Required

ART 4614 Advanced Computer Imaging 3 credits
Advanced exploration of computer generated images and art forms, including contemporary issues, conceptual and design development, modes of presentation, and professional preparation.
Prerequisites: ART 2600 with a minimum grade of C
Fee Required

ART 4907 Directed Independent Study 3 credits
Selected advanced topics for independent study and research in studio art. Permission of instructor required.

ART 4921 Painting Workshop 3 credits
Students will identify specific painting-related concerns and create their own body of work addressing those concerns. Contemporary practitioners, portfolio and exhibition practices will be discussed. May be repeated for a maximum of 9 credit hours.
Prerequisites: ART 2500 with a minimum grade of C and ART 3332 with a minimum grade of C or ART 3505 with a minimum grade of C
Fee Required

ART 4922 Sculpture Workshop 3 credits
Intensive studies in contemporary sculptural issues and methods; projects vary depending on skill levels and conceptual interests. Exhibition and installation practices covered, and research in sculpture history included. May be repeated for a maximum of 9 credit hours.
Prerequisites: ART 2701 with a minimum grade of C
Fee Required

ART 4923 Printmaking Workshop 3 credits
Advanced printmaking techniques and professional preparation. Students will identify issues in contemporary art practice and create a personally significant body of work. May be repeated for a maximum of 9 credit hours.
Prerequisites: ART 1301 with a minimum grade of C

ART 4924 Photography Workshop 3 credits
Advanced photography techniques and professional preparation. Students will identify issues in contemporary art practice and create a personally significant body of work. May be repeated for a maximum of 9 credit hours.
Prerequisites: ART 2750 with a minimum grade of C
Fee Required

ART 4928 Ceramics Workshop 3 credits
Intensive studies in contemporary ceramic issues and methods. Both technical proficiency and conceptual integrity will be stressed, with emphasis on the development of a personal aesthetic. May be repeated for a maximum of 9 credit hours.
Prerequisites: ART 3768 with a minimum grade of C or ART 3762 with a minimum grade of C
Fee Required

ART 4930 Special Topics in Art 3 credits
The faculty develops topics of importance to students' interests and needs.
Prerequisites: ART 1203 or ART 1203C
Fee Required

ART 4940 Art Internship and Seminar 3 credits
Students work in professional art setting, connecting academic training with professional arts practice. Students arrange appropriate position in consultation with art faculty. Periodic seminar sessions required. May be repeated for a maximum of 9 credit hours.

ART 4955 Senior Project 3 credits
Capstone experience for senior art majors focusing on the production of a self-generated body of work that is conceptually strong and technically proficient. Exhibition plans and professional preparation will be stressed. Permission of the instructor required.
Prerequisites: ART 4921 with a minimum grade of C or ART 4922 with a minimum grade of C or ART 4928 with a minimum grade of C
Fee Required

ASH 3323 Modern South Asia 3 credits
Traces the establishment and collapse of British power in South Asia from the 18th century to India's Independence and Partition in 1947.

ASH 3400 The Chinese 3 credits
The history, people and heritage of one of the world's most ancient and fascinating civilizations. Rare video scenes of daily life unveil the tensions between traditional and modern China.

ASH 3404 Modern China 3 credits
A detailed study of the nature and development of modern China from the time of sustained Western contact (17th century) through the present. Provides discussions of the end of dynastic China, the consolidation of socialism, the Maoist upheavals, and the rise of China as an economic trade giant.

ASH 3550 Post-Colonial India 3 credits
History of India after 1947. Major themes will be economic development, cultural and social change, and India's place in the contemporary world.

ASH 4442 History of Modern Japan 3 credits
Examines the social, cultural, political, religious, and economic developments of Japan since 1800. Stresses the rise of Japan as a regional power and the influence of modern Japan as a world trade power.

ASN 2005 Introduction to Asian Studies 3 credits
Overview of Asian civilizations, including art, literature, music, philosophy, history, and politics.

ASN 2010 Civ of Asia: China and Japan 3 credits
A survey of Chinese and Japanese civilization and culture. Subjects to be studied include the history, geography, anthropology, religion, economy, and politics of China and Japan from ancient times to the present.

ASN 2011 Civ os Asia: South Asia 3 credits
A survey of South Asian civilizations and cultures. Subjects to be studied include the history, geography, anthropology, religion, economy, and politics of South Asia from ancient times to the present.

ASN 4905 Directed Individual Study 1 to 4 credits
Individual study by students under the direction of a faculty mentor. The topic will be selected based on mutual consensus between the student and the faculty mentor. Permission of instructor required.

AST 2002C Introduction to Space Science 3 credits
Introduction to the Solar System and Space Exploration, with an emphasis on standards based, hands-on and inquiry based activities. The class is intended for students who plan a career in formal or informal education.

Fee Required

AST 2004C Stellar Astronomy 4 credits
General principles of Astronomy and emphasis on the structure and evolution of stars, stellar systems, galaxies and the universe. Topics may include stellar birth and death, neutron stars and black holes, galactic distances and the expansion of the universe. Observing of stars, constellations, binary and variable stars, star clusters, nebulae.

Fee Required

AST 2005C Introduction to Astrobiology 3 credits
Introduction to general principles of Astrobiology emphasizing standards based, hands-on and inquiry based activities. The class is intended for students who want an interdisciplinary scientific approach to explore the possibilities of extraterrestrial life.

Fee Required

AST 2100C Solar System Astronomy 4 credits
Historical and general principles of Astronomy with emphasis on the structure and evolution of the Solar System, the laws of planetary motion, and the physical aspects of the sun, planets, and interplanetary debris. The main objectives of the course are to familiarize you with the night sky, observing techniques and instrumentation of state of the art observatories, and to gain knowledge of the scientific process involved in astronomical discoveries.

Fee Required

BCH 3023C Biochemistry 3 credits
The biochemistry of proteins, lipids, carbohydrates, and nucleic acids will be investigated. The principles of enzymology, metabolism and bioenergetics will be investigated. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.
Prerequisites: CHM 2211C with a minimum grade of C
Fee Required

BCH 3025C Analytical Biochemistry 3 credits
An examination of the aspects of chemical analysis within a sample that has direct biological relevance.
Prerequisites: BCH 3023C with a minimum grade of C

BME 3100C Introduction to Biomaterials 3 credits
Corequisites: BME 3403C
Fee Required

BME 3261C Biofluid Mechanics 3 credits
Fundamentals of fluid mechanics and their application to systems in biology and physiology. Topics covered include: properties and statics of fluids; conservation of mass, momentum and energy in fluid flow; flow in closed conduits; dimensional analysis; and flow measurements.
Prerequisites: EGN 3331C with a minimum grade of C and BME 3403C with a minimum grade of C

BME 3403C Human Physiology Engineers I 3 credits
First course in a quantitative two semester sequence on human physiology for engineers. Includes overview of cells and tissues; energy and cellular metabolism; membrane dynamics; communication, integration, and homeostasis; the endocrine system, neurons and the nervous system; sensory physiology; muscles and control of body movement. Integrates modeling and simulation of physiological systems as well as computer-based experimentation.
Prerequisites: EGN 1008C with a minimum grade of C and BSC 1010C and CHM 1046C and PHY 2049C and MAP 2303 with a minimum grade of C
Fee Required

BME 3404C Human Physiology Engineers II 3 credits
Second course in a quantitative two semester sequence on human physiology for engineers. Includes the cardiovascular system; blood, blood flow, and control of blood pressure; mechanics of breathing; gas exchange and transport; the kidneys; fluids and electrolyte balance; digestion; energy balance and metabolism; endocrine control of growth and metabolism; the immune system; exercise physiology. Integrates modeling and simulation of physiological systems as well as computer-based experimentation.
Prerequisites: BME 3403C with a minimum grade of C

BME 4800C Bioengineering Product Design 3 credits
Introduction to the engineering design process as applied to bioengineered products. Focus on technical, regulatory, legal, ethical, economic, and social aspects of medical device, biologic and combination product designs, development and commercialization. Includes existing product benchmarking and provides and introduction to modern engineering software tools for biomedical product design.
Prerequisites: BME 3100C with a minimum grade of C and BME 3403C with a minimum grade of C and EGN 3341C with a minimum grade of C and STA 2037 with a minimum grade of C

BOT 3153 Flora of Southwestern Florida 3 credits
Principals and practical aspects of the identification, morphology, and ecology of species of vascular plants composing the flora of Southwestern Florida. Included, are field trips (one per class meeting), lectures, and laboratory exercises.

BOT 4394C Plant Molecular Biology 3 credits
An examination of aspects of molecular biology that apply to the plant kingdom. Plant gene regulation, methods of gene cloning and transformation, and biotechnological applications will be discussed.
Prerequisites: PCB 4522C with a minimum grade of C and BOT 2503C with a minimum grade of C

BOT 4503 Plant Physiology 3 credits
An overview of the processes that take place in plant cells and organs. Topics include the mechanisms by which plants obtain their nutrients and synthesize required molecules and structures, and the role played by internal and environmental factors in plant growth and development.
Prerequisites: BSC 1010C with a minimum grade of C and BSC 1011C with a minimum grade of C and CHM 2211C with a minimum grade of C
<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>BOT 4503C</td>
<td>Plant Physiology</td>
<td>3</td>
<td>An overview of the processes that take place in plant cells and organs. Topics include the mechanisms by which plants obtain their nutrients and synthesize required molecules and structures, and the role played by internal and environmental factors in plant growth and development. Corequisites: BSC 1010C with a minimum grade of C and BSC 1011C with a minimum grade of C. Fee Required</td>
</tr>
<tr>
<td>BSC 1005</td>
<td>Biological Science</td>
<td>3</td>
<td>Major concepts in modern biology including cellular biology, plant biology, human biology, genetics, evolution, behavior, and ecology. Fee Required</td>
</tr>
<tr>
<td>BSC 1005L</td>
<td>Biological Science Laboratory</td>
<td>1</td>
<td>Laboratory exercises that provide hands on and/or simulated experiences for the major concepts in modern biology including cellular biology, plant biology, human biology, genetics, evolution, behavior and ecology. Prerequisites: BSC 1005 Fee Required</td>
</tr>
<tr>
<td>BSC 1010</td>
<td>General Biology I</td>
<td>3</td>
<td>Intended for science majors. Principles of biology studied from the molecular to the cellular level incorporating basic biochemistry, cell doctrine, physical phenomena of life, elementary bioenergetics and biosynthesis, cellular and organismal reproduction and the gene concept. Corequisites: BSC 1010L Fee Required</td>
</tr>
<tr>
<td>BSC 1010C</td>
<td>Gen'l Biology w/Lab I</td>
<td>4</td>
<td>Intended for science majors. The principles of biology are studied from the molecular to the cellular level. Topics may include basic biochemistry, the cell doctrine, the physical phenomena of life, elementary bioenergetics and biosynthesis, cellular and organismal reproduction and the gene concept. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies. Fee Required</td>
</tr>
<tr>
<td>BSC 1010L</td>
<td>General Biology I Laboratory</td>
<td>1</td>
<td>Intended for science majors. Laboratory exercises related to principles of biology studied from the molecular to the cellular level incorporating basic biochemistry, cell doctrine, physical phenomena of life, elementary bioenergetics and biosynthesis, cellular and organismal reproduction and the gene concept. Corequisites: BSC 1010 Fee Required</td>
</tr>
<tr>
<td>BSC 1011</td>
<td>General Biology II</td>
<td>3</td>
<td>Intended for science majors. The examination of biological systems from the organismal level through the system level incorporating theory of evolution, biodiversity and systematics, and ecology. Corequisites: BSC 1011L Fee Required</td>
</tr>
<tr>
<td>BSC 1011C</td>
<td>Gen'l Biology w/Lab II</td>
<td>4</td>
<td>Intended for science majors. Examines biological systems from the organismal level through the system level. Topics may include theory of evolution, biodiversity and systematics, and ecology. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies. Fee Required</td>
</tr>
<tr>
<td>BSC 1011L</td>
<td>General Biology II Laboratory</td>
<td>1</td>
<td>Intended for science majors. Laboratory experiments related to the examination of biological systems from the organismal level through the system level incorporating theory of evolution, biodiversity and systematics, and ecology. Corequisites: BSC 1011 Fee Required</td>
</tr>
<tr>
<td>BSC 1020C</td>
<td>Human Systems</td>
<td>3</td>
<td>The study of the basic principles of human biology intended for non-science majors. Investigates cell biology, reproduction and genetics and human anatomy and physiology including human impacts on ecological systems. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies. Fee Required</td>
</tr>
<tr>
<td>BSC 1051C</td>
<td>Enviro-SW Fla Environment</td>
<td>3</td>
<td>The environment of southwest Florida is used as an example to investigate environmental concepts within their ecological, cultural, economic, and historical contexts. Multiple sources of information including scientific data and artistic expression are utilized to evaluate ecological principles and environmental ethics, attitudes, and beliefs. This course is inquiry based and fully integrated with both laboratory and field experiences which emphasize active learning strategies. Fee Required</td>
</tr>
<tr>
<td>BSC 1085C</td>
<td>Hum Anat &amp; Physio w/Lab I</td>
<td>4</td>
<td>Intended for health science majors. Investigates the structure and function of the human body systems, including: integumentary, skeletal, muscular nervous and endocrine systems. The curriculum is inquiry based and fully integrated with a laboratory emphasize active learning strategies. (Strongly recommend student have CHM 1045C before A&amp;P I&amp;II) Fee Required</td>
</tr>
<tr>
<td>BSC 1086C</td>
<td>Hum Anat &amp; Physio w/Lab II</td>
<td>4</td>
<td>Primarily intended for health science majors. Investigation of the structure and function of the human systems, including: cardiovascular, respiratory, renal, gastrointestinal, immune, and reproductive systems. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies. (Strongly recommend student have CHM 1045C before A&amp;P I&amp;II) Prerequisites: BSC 1085C with a minimum grade of C Fee Required</td>
</tr>
<tr>
<td>BSC 1930L</td>
<td>Seminar in Medicine I</td>
<td>1</td>
<td>This course provides a discussion and problem solving format of contemporary topics in medicine with reviews of the literature. Fee Required</td>
</tr>
<tr>
<td>BSC 2024C</td>
<td>Human Species</td>
<td>3</td>
<td>The evolution of mankind and the development of earlier cultures. Topics may include primates and research methods and techniques used by physical anthropologists to reconstruct past cultures. Prerequisites: ANT 2000 with a minimum grade of C Fee Required</td>
</tr>
<tr>
<td>BSC 2026</td>
<td>Biology of Human Sexuality</td>
<td>3</td>
<td>Examination of the anatomy and physiology of reproduction, sexual response, gender identity, sexual orientation, love and attraction as well as scientific method by which sexuality is studied. Fee Required</td>
</tr>
<tr>
<td>BSC 2300C</td>
<td>Biological Systems</td>
<td>3</td>
<td>Investigates biology from a systems perspective. Topics will include general system characteristics, unique aspects of biological systems, system complexity, evolution, comparative system architecture levels of abstraction, biological control systems, redundancy, and artificial system synthesis. Chemical fundamentals, cell structure and function, elements of molecular biology, physiology and anatomy, taxonomy, complex system organization, and emergent properties of biological systems will also be considered. Fee Required</td>
</tr>
</tbody>
</table>
BSC 2930L Seminar in Medicine II 1 credits
This course is a continuation of BSC 1930L and provides a discussion and problem-solving format of contemporary topics in medicine with reviews of the literature and volunteer participation in the community as a part of service learning. Prerequisites: BSC 1930L

BSC 3403C Environmental Quant Techniques 3 credits
Implementation of laboratory and field techniques for environmental monitoring and analysis. Demonstration of competency with appropriate instrumentation, data management strategies and statistical procedures. Fee Required

BSC 3930L Seminar in Medicine III 1 credits
This course is a continuation of BSC 2930L and provides a discussion and problem-solving format of contemporary topics in medicine with review of the literature and volunteer opportunity for service learning. (Continued acceptance in the BS Biology Accelerated 3+4 concentration, instructor permission.) Prerequisites: BSC 2930L

BSC 4422C Methods in Biotechnology 3 credits
Techniques and applications of biotechnology will be studied with a strong emphasis on laboratory investigation. Recombinant DNA technology will be the focus of study with applications in plant and animal systems. The impacts of biotechnology on society will be examined, such as the human genome project and agricultural biotechnology. Prerequisites: BCH 3023C with a minimum grade of C and PCB 3063C with a minimum grade of C Fee Required

BSC 4900 Dir Ind Study/Research in Bio2 to 4 credits
Individual study by students under the direction of a faculty mentor. The topic will be selected based on mutual agreement between the student and the faculty mentor.

BSC 4905 Dir. Ind.Study/Res. Biotech. 1 to 3 credits
Individual study/research under the direction of a faculty mentor. The topic of study needs to be focused in a Biotechnology area. Permission of the instructor required.

BSC 4910 Senior Project Research in Bio 2 credits
Research projects, (or certain aspects of research) are carried out by one or more students under the supervision of a faculty mentor. The project is designed to hone skills in applying research principles and obtaining practice in data collection, analysis. Senior Standing is expected. Prerequisites: PCB 3063C with a minimum grade of C and PCB 3023C with a minimum grade of C or ZOO 3713C with a minimum grade of C Fee Required

BSC 4911 Sr Project Presentation in Bio 2 credits
A continuation of the senior project, students will be expected to prepare and present a summary of their research. Prerequisites: BSC 4910 with a minimum grade of C

BSC 4912 Senior Seminar in Biology 3 credits
Students conduct research in scientific teaching methodologies under the supervision of a faculty mentor. The seminar will culminate in the presentation of inquiry-based materials which can be used in the secondary biology classroom.

BSC 4930 Special Topics in Biology 2 to 4 credits
Courses will be developed based on topics of current or special interest to students or faculty.

BSC 4933 Current Topics in Biology 1 credits
Special sessions exploring the literature in Biological Sciences. Students will receive Satisfactory “S” or Unsatisfactory “U” grades for this course. Prerequisites: ISC 3120

BSC 4940 Internship in Biology 2 to 4 credits
An internship provides the student with an opportunity to work on a project in the field or laboratory setting. This work is usually completed off-campus and the student will work with a qualified supervisor at the site as well as a faculty mentor.

BSC 4941 Internship in Biotechnology 1 to 3 credits
An internship working on a project in Biotechnology in an external laboratory or industrial setting. The student will work with an external qualified supervisor and with a faculty mentor. Permission of the program director required. Prerequisites: ISC 3120C with a minimum grade of C and BSC 4422C with a minimum grade of C

BSC 4942C Senior Res. Biotech. 2 credits
Research project in Biotechnology under the supervision of a faculty mentor. Students will apply experimental design, data collection and analysis. Senior standing is required. Permission of the program director is required. Prerequisites: ISC 3120C with a minimum grade of C and BSC 4422C with a minimum grade of C Fee Required

BSC 4943 Sr. Proj. Pres. Biotech. 1 credits
Presentation of the results of the project carried out in the Senior Research in Biotechnology course. Prerequisites: BSC 4942C

BSC 4944L Senior Capstone 3 credits
This senior capstone course provides an undergraduate experience in mentored research and presentation or internship specifically for each BS-Biology student as a culminating experience to the degree program. Prerequisites: PCB 3063C and MCB 3020C and BCH 3023C Fee Required

BUL 3130 Legal & Ethical Enviro of Bus 3 credits
Introduction to the contemporary legal and ethical environment of business. Topics may include the legal system, ethics, constitutional law, criminal and civil law, intellectual property, environmental law, contracts, and agency and employment law. (Junior standing required)

BUL 3320 Law & Business I 3 credits
The nature of legal and societal institutions and environments, and major aspects of public, private, UCC and related business law. (Junior standing required)

BUL 4939 Special Topics in Business Law 1 to 3 credits
Topics of special or current interest such as the legal environment of forensic accounting, cyberlaw, legal aspects of marketing, real estate law, intellectual property, and emerging legal issues. Prerequisites: BUL 3130 or BUL 3320

BUL 5830 Business Law I 3 credits
A study of those principals of law that directly and regularly impact the conduct of business activities. Topics covered include an overview of the legal system, contract and sales provisions of the Uniform Commercial Code (UCC), consumer protection laws, employment law, environmental law, securities regulation, and professional liability.

BUL 5831 Business Law II 3 credits
Course Descriptions

An in-depth study of the Uniform Commercial Code (UCC) and a survey of the laws governing the formation and operation of various business entities. Topics covered include negotiable instruments, bankruptcy, bailments, real property, trusts and estates, agency, partnerships, corporations, limited liability entities, and professional ethics.
Prerequisites: BUL 5830

BUL 6935 Special Topics in Business Law 1 to 3 credits
A comprehensive survey of selected contemporary legal issues and topics that pertain to business. Individual and group research projects are emphasized.
Prerequisites: BUL 3320 or BUL 5830

CAP 3611 Computation & Neural Systems 3 credits
Reviews general physiology from a systems perspective, comparative neurophysiology and evolutionary biology, perception systems, computational aspects of information processing within the central nervous system, clinical neuropsychology, and higher level cognitive functions. Covers techniques for pattern recognition, discrimination, estimation, classification, and learning in synthetic systems, as well as artificial neural network models, synthetic sensory systems, artificial life, and the implementation of computational neurosystems using VLSI technology.
Prerequisites: MAC 2311 and COP 2001

CAP 4730 Computer Graphics 3 credits
Foundation for work in computer graphics includes mathematical preliminaries, coordinate systems, transformations, perspective, graphical primitives, curve and surface modeling, representation of solids, hidden surfaces, shadows, ray tracing, the sampling process, aliasing, shading, illumination, texture generation, rendering, vision, color, computer displays, and virtual reality systems. Commercial graphic software systems are explored.
Prerequisites: COP 3003 with a minimum grade of C
Fee Required

CAP 4830 Simulation & Modeling 3 credits
Covers continuous and discrete event system simulation, with emphasis on general systems thinking, mathematical and computational methods in simulation, and the application of modeling techniques to selected problems in the sciences and other disciplines. Current commercial simulation environments are explored.
Prerequisites: MAC 1105

CCE 3101C Civil Engineering Materials 3 credits
Design of asphalt concrete and portland concrete cement mixtures. Analysis, evaluation, and hands on laboratory testing of commonly used civil engineering materials, including asphalt binder, hot-mix asphalt, aggregates; portland concrete cement; wood; composites. Pavement construction and quality control, quality assurance methods of asphalt mixtures.
Prerequisites: EGN 1008C with a minimum grade of C
Fee Required

CCJ 1020 Intro to Criminal Justice 3 credits
Introduction to the historical and philosophical background of agencies of the criminal justice system. An examination of the relationships between the police, courts, and correctional institutions.

CCJ 1100 Intro to Law Enforcement 3 credits
Introductory survey of the historical and philosophical development of law enforcement. Overview of the purposes, functions, organization, and technical problems of the police.

CCJ 2930 Special Topics 3 credits
Current and emerging issues in the fields of criminal justice and criminology.

CCJ 3024 CJ Systems & Processes 3 credits
Components of the criminal justice system, including police, courts, corrections, the juvenile justice system, and the relationship of the criminal justice system to broad political, economic, and social issues.

CCJ 3501 Juvenile Delinquency 3 credits
The nature and extent of delinquency. Focus is on completing explanatory models and theories, and the evaluation of prevention, control and treatment programs.

CCJ 3603 Forensic Psychology 3 credits
Pragmatic review of the psychological, physiological, and sociological theories and practices which seek to evaluate and analyze deviant human behavior and environments that precipitate criminal conduct.

CCJ 3610 Theories of Criminal Behavior 3 credits
Complex factors related to criminal behavior. Focus on understanding criminal and delinquent behavior from a multi-disciplinary perspective (biological, psychological, social), with emphasis on past and present theories.

CCJ 3653 Drugs, Alcohol & Crime 3 credits
The history, pharmacology, health consequences, and crime-related aspects of mind-altering drugs with emphasis on the effects on criminal behavior, the legal response to the problem, and the treatment and prevention of abuse.

CCJ 3666 Victimology 3 credits
Victims and the process, etiology, and consequences of victimization. Special attention is paid to the types of victims, theories of victimization, and the victim’s treatment within the criminal justice system. Examination of the role of victims in crime, their decisions to report crimes and help prosecute offenders, victim assistance, and victim compensation.

CCJ 3670 Introduction to Criminalistics 3 credits
An introduction to the identification, collection, preservation, and presentation of physical evidence from crime scenes.
Fee Required

CCJ 3701 Research Methods-Crim Justice 3 credits
Methods of gathering, analyzing, and reporting social data, with a focus on the purpose and logic of scientific inquiry and quantitative research techniques in criminal justice. Includes qualitative research, data collection, experimental and non-experimental designs, measurement procedures, sampling methods, and interpretation of research results.

CCJ 4035 Media and Crime 3 credits
Explores the criminal justice system, criminals, and crime as portrayed in the media, its impact on society and the criminal justice system.

CCJ 4042 Issues - International Justice 3 credits
Contemporary issues in international justice, including historical and social perspectives. Explores the impact of justice issues on specific countries and the international community at large.

CCJ 4450 Ldrrship & Mgmt in CJ Agencies 3 credits
Application of management and leadership theories to the administration of law enforcement and correctional agencies. Models of decision-making, problem solving, and situational leadership are used to assess responses to current challenges facing criminal justice organizations.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCJ 4454</td>
<td>Issues in CJ Administration</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 4487</td>
<td>Ethics in the Crim Justice Sys</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 4601</td>
<td>Human Behavior</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 4630</td>
<td>Comparative Justice</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 4662</td>
<td>Minorities and Crime</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 4674</td>
<td>Advanced Forensic Psychology</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 4681</td>
<td>Domestic Violence</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 4910</td>
<td>Independent Research</td>
<td>1-3</td>
</tr>
<tr>
<td>CCJ 4933</td>
<td>Spec Topics in Criminology/CJ</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 4934</td>
<td>Senior Sem (Criminal Justice)</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 4940</td>
<td>Internship</td>
<td>1-6</td>
</tr>
<tr>
<td>CCJ 4957</td>
<td>CJ Study Tour Abroad</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 6106</td>
<td>Rsch Legal Methods Pub Policy</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 6406</td>
<td>CJ Mgmt Plicy: Law Enforce Crts</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 6455</td>
<td>Crim Just Mgt Plicy: J J &amp; Cor</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 6485</td>
<td>Criminal Justice Policy</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 6501</td>
<td>Juvenile Justice Policy</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 6605</td>
<td>Dynamics of Delinquent &amp; Crim</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 6606</td>
<td>Social Constructs of Crime</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 6607</td>
<td>Adv. Quantitative Research</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 6709</td>
<td>Advanced Qualitative Research</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 6711</td>
<td>Research in Violent Behavior</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 6770</td>
<td>Ind. Research-Criminalistics</td>
<td>3-6</td>
</tr>
<tr>
<td>CCJ 6910</td>
<td>Directed Research Projects</td>
<td>1-6</td>
</tr>
</tbody>
</table>

Intensive study tour abroad, including preparatory work and research, focusing on cultural, historical, and social influences on criminal justice, and the differences and similarities of the different systems.

Through instruction in legal research on the internet, the student will become familiar with various aspects of public policy throughout the world in the creation and application of law.

Advanced overview and analysis of policy, theory and research pertinent to the management of police agencies and court administration and decision making. Contemporary issues will be explored as well as historical development.

Advanced overview and analysis of policy, theory and research pertinent to the management of police agencies and court administration and decision making. Contemporary issues will be explored as well as historical development.

An advanced seminar designed for students interested in evaluating and formulating policies on criminal justice.

An analysis of historical and contemporary policies used to control adolescent delinquent and criminal behavior.

Analysis of social constructs, determinants of social pathologies, crime and delinquent behaviors.

An advanced seminar designed for students interested in the etiology of criminal behavior including the correlates and causes of crime including poverty; urban blight; inequity in health, housing, and education; racial and ethnic discrimination; and the proliferation of drugs and gangs.

In-depth treatment of the application and interpretation of quantitative research methodology and statistical tools appropriate for criminal justice related research. Specific content areas include research design, data collection, data characteristics, data analysis, preparation of research proposals, and scholarly presentation of research findings.

In-depth treatment of the design of qualitative research methodology and procedures for qualitative data analysis appropriate for criminal justice related research. Specific content areas include qualitative research design; types of qualitative data; collecting, coding, and interpreting qualitative data. Specific emphasis on case study methods and reporting qualitative research findings.

In-depth overview and analysis of legal methods in the American legal system, primarily the criminal justice system. Through instruction in legal research on the internet, the student will become familiar with various aspects of public policy throughout the world in the creation and application of law.

Research, focusing on cultural, historical, and social influences on criminal justice, and the differences and similarities of the different systems.
Course Descriptions

CCJ 6912  Ind. Rsch-Forensic Behavioral  3 to 6 credits
Candidates work directly with supervising faculty to conduct independent research specific to their degree concentration. Prerequisites: CCJ 6707 or CCJ 6709

CCJ 6930  Spec Topics in CFS  3 credits
In-depth analysis of current and emerging issues relating to Criminal Forensic Studies.

CCJ 6935  Special Topics in CJ Systems  3 credits
In depth exploration, analysis and assessment of contemporary topics of special concern to the admission of criminal/ juvenile justice systems.

CCJ 6936  Justice Policy Reform  3 credits
Focus on the analysis and formulation of policies that emanate from the national, state and local administrations as they pertain to the broad field of criminal justice.

CCJ 6940  Practicum - Criminalistics  3 to 6 credits
The Criminal Forensic Practicum is a field experience in Criminalistics.

CCJ 6941  Practicum-Frnsic Bhrvls Analyst  3 to 6 credits
The Criminal Forensic Practicum is a field experience in Forensic Psychology.

CDA 3104  Comp Org’n & Assem Lang Prog  3 credits
Covers the organization, architecture, and microarchitecture of computer systems. Topics include computing machine instruction sets and register structures, programming in assembly language, tradeoffs in machine implementation and performance, computer peripherals, and a register transfer level simulation of an elementary computer system. Prerequisites: COP 2006 with a minimum grade of C and CDA 3200 with a minimum grade of C

CDA 3200  Digital Systems  3 credits
Covers data paths, controllers, memory systems, and register transfer level design, as well as finite state machine design, classical logic design, and storage element design. Hardware and software tools for digital system analysis and synthesis are explored. Prerequisites: COP 1500 with a minimum grade of C and PHY 2048C with a minimum grade of C Fee Required

CDA 4150  Computer Architecture  3 credits
Covers the form, function, and cost-performance tradeoffs associated with a range of computer systems implementing sequential, parallel, and distributed system models. RISC and CISC systems, as well as memory and I/O models are explored. Topics include instruction set design, processor microarchitecture, pipelining, cache and virtual memory organization, protection and sharing, I/O, interrupts, and peripherals. Prerequisites: PHY 2049C with a minimum grade of C and CDA 3104 with a minimum grade of C

CDA 4170  Data Acquis. & Control Systems  3 credits
Covers the architecture and implementation of data acquisition and control systems include analog and digital measurement techniques, sources of error, transducers and actuators, system modeling, instrumentation system architecture, computer controlled instruments and data acquisition systems, and system design techniques. Open and closed loop control, system analysis and design, system stability, and analog and digital control system implementation techniques are explored. Prerequisites: COP 2001 with a minimum grade of C

CEG 3011C  Soil Mechanics  3 credits
Physical properties and classification of soils; flow of water through soil, distribution of stress within soil and consolidation; design consideration for compaction, seepage, and settlement analysis; laboratory. Prerequisites: CWR 3201C with a minimum grade of C and EGN 3331C with a minimum grade of C

CEN 3031  Software Engineering  3 credits
The software engineering process stages are studied and applied to the development of a significant computer application using object-oriented design. These stages include requirements, design, prototyping, implementation, documentation, testing, code reviews, maintenance, and enhancements. Tools and strategies to use at the various stages are explored, including those used in the management of large amounts of code. Prerequisites: COP 2001 with a minimum grade of C

CEN 3213  Embedded Systems Programming  3 credits
Programming of embedded computer systems, that is computing devices that are parts of a larger installation, from watches and cell phones, to medical devices, cars, and space vehicles. Software design principles, specific implementation constructs and operating system kernels will be taught, supported by the use of software development tools. Prerequisites: COP 2006 or ISM 3230

CEN 4516  Computer Networks  3 credits
Covers computer networks, analog and digital communication theory, network structures and components, switching techniques, network functions, layered network architectures, data link protocols, network control, transport and session protocols, and presentation layer protocols for point-to-point, satellite, packet radio, and local area networks. Hardware and software support for networking are explored. Prerequisites: CDA 4150 with a minimum grade of C and COP 2532 with a minimum grade of C

CEN 4935  Senior Software Engr Project  3 credits
Students will gain an understanding of the systems design process, including analysis, design, implementation, quality assurance, and project planning. Teams will design and develop a prototype system that satisfies the requirements of a "real" organization. Students must have senior standing. Prerequisites: COP 2532 with a minimum grade of C and CEN 3031 with a minimum grade of C

CES 3100C  Mech of Engr Structures  3 credits
This course addresses the analysis and design of basic structural forms such as beams, trusses, and frames, which are found in bridges and buildings. Classical deflection techniques such as direct integration, virtual work and moment-area; and indeterminate analysis techniques such as the force, slope, deflection and movement distribution methods are used to determine forces and deflections in elastic structures. Matrix analysis techniques are introduced, including the direct stiffness method for truss analysis. Structural analysis computer programs are introduced and directly applied in the solution of graded analysis and design problems. Approximate analysis techniques are used to check the general accuracy of computer-based results. Prerequisites: EGN 3331C with a minimum grade of C

CGN 3323C  Surveying and Geomatics  3 credits
Introduction to elementary surveying practices such as auto-
level, total station, global positioning system (GPS) as well as covering highlights of construction materials, tools, and techniques. In addition geomatics, the study of spatially related data, will be introduced. Instruction will cover the integrated approach of measurement, analysis, and management of the descriptions and locations of Earth-based data. This course is inquiry based and fully integrated with field experience that emphasizes active learning strategies.

Prerequisites: CHM 2210L with a minimum grade of C

CHM 1045L General Chemistry I Lab 1 credits
Intended for science majors. Laboratory experiments related to principles discussed in the lecture class of general chemistry I. Experiments include measurement and accuracy in the laboratory, determination of density, indirect gravimetric determination of a metal after an oxidation-reduction reaction, determination of the formula weight of an unknown acid, identification of an unknown gas by measuring its formula weight, enthalpy measurements, conservation of mass, solubility and colligative properties.

Prerequisites: MAC 1105 with a minimum grade of C
Corequisites: CHM 1045
Fee Required

CHM 1046C General Chemistry II 3 credits
Intended for science majors. Examines solutions redox reactions, kinetics and equilibria, thermodynamics, electrochemistry, nuclear chemistry and descriptive chemistry. Prerequisites: (CHM 1045 with a minimum grade of C and CHM 1045L with a minimum grade of C) or CHM 1045C with a minimum grade of C
Corequisites: CHM 1046L

CHM 1046C General Chem w/Lab II 4 credits
Intended for science majors. Examines solutions, redox reactions, kinetics and equilibria, thermodynamics, electrochemistry, nuclear chemistry and descriptive chemistry. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.

Prerequisites: (CHM 1045C with a minimum grade of C and CHM 1045L with a minimum grade of C) or CHM 1045C with a minimum grade of C
Corequisites: CHM 1046

CHM 1046L General Chemistry II Lab 1 credits
Intended for science majors. Laboratory experiments related to principles discussed in the lecture class of general chemistry II. Experiments include measurement of reaction kinetics, determination of activation energy, measurement of equilibrium constants, titration of a polyprotic acid, Ksp measurements, enthalpy measurements, and electrochemistry experiments.

Prerequisites: (CHM 1045C with a minimum grade of C and CHM 1045L with a minimum grade of C) or CHM 1045C with a minimum grade of C
Corequisites: CHM 1046

CHM 1084C Environmental Chemistry 4 credits
The study of the basic concepts of organic and inorganic chemistry in the context of applications to the environmental issues of water quality, atmospheric pollution, sustainable agricultural practices, and environmental risks to human health in an integrated environment of lectures, laboratory activities, and field experiences.

Fee Required

CHM 2210 Organic Chemistry I 3 credits
Emphasizes chemical reactivity in synthetic and biochemical processes. Functional group chemistry is learned by stressing the relationship between structure and reactivity. Reactions are categorized by mechanisms rather than by functional group. Includes spectroscopy, synthesis, nomenclature and mechanisms.

Prerequisites: (CHM 1046L with a minimum grade of C and CHM 1046 with a minimum grade of C) or CHM 1046C with a minimum grade of C
Corequisites: CHM 2210L
CHM 2210C Organic Chemistry w/Lab I 4 credits
Emphasizes chemical reactivity and utility in synthetic and biochemical processes. Functional group chemistry is learned by stressing the relationship between structure and reactivity (why and how certain reactions proceed and others do not). Reaction types are organized by common mechanisms, rather than by functional group. Includes spectroscopy, synthesis, nomenclature and mechanism. Prerequisites: (CHM 1045C with a minimum grade of C and CHM 1045L with a minimum grade of C or CHM 1046C with a minimum grade of C and CHM 1046L with a minimum grade of C) or CHM 1046C with a minimum grade of C
Fee Required

CHM 2210L Organic Chemistry I Laboratory 1 credits
Companion laboratory to Organic Chemistry I. The experiments develop expertise using organic chemistry techniques and familiarity with equipment and glassware commonly used in organic chemistry. Some of the experiments are illustrate concepts discussed in the lecture class, such as substitution and elimination reactions. Prerequisites: (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C or CHM 1046C with a minimum grade of C)
Corequisites: CHM 2210
Fee Required

CHM 2211 Organic Chemistry II 3 credits
Continues the study of organic compounds described for organic chemistry I. Reactions, mechanisms, nomenclature and spectroscopy are discussed for benzene, substituted benzene compounds and carbonyls. Oxidation-reduction reactions are studied in greater detail. The chemistry of biologically important compounds, amino acids, and nucleic acids is discussed. Polymers and biopolymers are introduced. Prerequisites: (CHM 2210 with a minimum grade of C and CHM 2210L with a minimum grade of C or CHM 2210C with a minimum grade of C)
Corequisites: CHM 2211L

CHM 2211C Organic Chem w/Lab II 4 credits
Continues the study of organic compounds as described for 2210C. The latter part of the course emphasizes structural features and specific reactions of organic compounds related to important naturally occurring and manufactured materials: including synthetic polymers and biopolymers. Prerequisites: CHM 2210C with a minimum grade of C
Fee Required

CHM 2211L Organic Chemistry II Laboratory 1 credits
Companion laboratory to Organic Chemistry II. The experiments continue to develop expertise with organic chemistry techniques and familiarity with equipment and glassware commonly used in organic chemistry. Some of the experiments are illustrate concepts discussed in the lecture class such as aromatic substitution reactions with carbonyl compounds. Prerequisites: (CHM 2210 with a minimum grade of C and CHM 2210L with a minimum grade of C or CHM 2210C with a minimum grade of C)
Corequisites: CHM 2211
Fee Required

CHM 3005C Phys Chem for Life Sciences 4 credits
A one-semester course in physical chemistry, with emphasis on biological applications. Topics covered include gases, thermodynamics, equilibria, spectroscopy, quantum theory and spectroscopy. Prerequisites: CHM 2211C with a minimum grade of C and MAC 2311 with a minimum grade of C and PHY 2049C with a minimum grade of C

CHM 3120C Analytical Chemistry 4 credits
Principles of quantitative analysis. Topics include equilibria, titrations, precipitation, complex formation, gravimetric analysis, separation processes, photometry, statistical treatment of data and sampling methodology. Laboratory is integrated with lecture topics and introduces students to analytical techniques and data analysis. Prerequisites: CHM 1046C minimum grade C
Fee required.
Prerequisites: (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C or CHM 1046C with a minimum grade of C)

CHM 3410 Physical Chemistry I 3 credits
The first part of a two-semester calculus-based course in physical chemistry. Topics covered include states of matter, thermodynamics, solutions, and kinetics. Prerequisites: CHM 2211C with a minimum grade of C and MAC 2313 with a minimum grade of C and PHY 2049C with a minimum grade of C

CHM 3410L Physical Chemistry Laboratory 2 credits
Introduction to laboratory techniques used to measure properties of matter and behavior of chemical and physical processes and may include the following topics: Behavior of solutions, properties of gases, kinetics, spectroscopy, and surface chemistry. Prerequisites: CHM 3410 with a minimum grade of C
Corequisites: CHM 3410L

CHM 3411 Physical Chemistry II 3 credits
The second part of a two-semester calculus-based course in physical chemistry. Topics include electrochemistry, surface chemistry, quantum mechanics, and spectroscopy. Prerequisites: CHM 3410 with a minimum grade of C
Corequisites: CHM 3411L

CHM 4139C Instrumental Analysis 3 credits
Instrumental Analysis introduces students to laboratory instrumentation, commonly used for analysis of chemical samples. Principles of the techniques, operation, and instrument limitations will be discussed and laboratory experiments will be performed using the instrumentation. Prerequisites: CHM 2211C with a minimum grade of C and CHM 3120C with a minimum grade of C
Fee Required

CHM 4140 Senior Project Chemistry 2 credits
Research project in Chemistry under the supervision of a faculty mentor. Students will apply experimental design, data collection and analysis. Senior standing is required. Permission of the program director is required.
Prerequisites: ISC 3120C with a minimum grade of C and CHM 2211C with a minimum grade of C and CHM 3120C with a minimum grade of C
Fee Required

CHM 4141 Senior Proj Presentation Chem 2 credits
Students will be required to prepare and present a summary of their research project. The presentation may be oral, written, or multimedia etc. Prerequisites: CHM 4140

CHM 4610 Inorganic Chemistry 3 credits
Inorganic chemistry is an introduction to molecular orbital theory, symmetry groups, energetics, transition metal complexes, coordination chemistry, reaction pathways and mechanisms of inorganics, and synthesis of inorganic compounds and organometallics. Prerequisites: CHM 3411 with a minimum grade of C
Fee Required

CHS 4531C Forensic Toxicology 3 credits
An advanced study of the techniques and application used to identify and compare trace evidence.
Prerequisites: CHS 3505C
Fee Required

CHS 4533C Forensic Analysis I 3 credits
The study of the light and polarized light microscope and its use in the identification and comparison of trace evidence.
Prerequisites: CHS 3501C
Fee Required

CHS 3501C Intro to Forensic Science 3 credits
Lecture and laboratory applications of the specialty areas in criminalistics (criminal analysis) including organic and inorganic analysis, physical evidence, hair, fiber, toxicology, arson, explosives, ballistics, serology, fingerprinting and DNA.
Fee Required

CHS 3505C Forensic Microscopy I 3 credits
The study of the light and polarized light microscope and its use in the identification and comparison of trace evidence.
Prerequisites: CHS 3501C
Fee Required

CHS 3533C Forensic Analysis I 3 credits
An in-depth study in theory and laboratory application of presumptive, antigenic and enzymatic testing for the evaluation of biological samples for crime analysis.
Prerequisites: PCB 4233C and BCH 3032C
Fee Required

CHM 4930 Special Topics in Chemistry 2 to 4 credits
Individual study under the direction of a faculty mentor. Topic will be selected based on mutual agreement between the student and the faculty member.
Prerequisites: CHM 2211C with a minimum grade of C
Fee Required

CHM 4905 Dir Ind Study/Res in Chem 2 to 4 credits
Individual study under the direction of a faculty mentor. Topic will be selected based on mutual agreement between the student and the faculty member.
Prerequisites: CHM 2211C with a minimum grade of C
Fee Required

CHM 4910L Inorganic Chemistry Laboratory 2 credits
A one-semester laboratory class with emphasis on synthesis of inorganic compounds, organometallics and spectroscopy and other methods of analysis used for inorganics.
Prerequisites: CHM 3411 with a minimum grade of C
Corequisites: CHM 4610
Fee Required

Corequisites: CHM 4610L

CHM 4610L Inorganic Chemistry Laboratory 2 credits
A one-semester laboratory class with emphasis on synthesis of inorganic compounds, organometallics and spectroscopy and other methods of analysis used for inorganics.
Prerequisites: CHM 3411 with a minimum grade of C
Corequisites: CHM 4610
Fee Required

CJE 4166 Alternatives to Incarceration 3 credits
Alternatives to imprisoning the offender, including probation, parole and diversion. Community-based intervention and treatment approaches and the impact of social, political, and economic influences.

CJE 4214 Introduction to Corrections 3 credits
Introduction to the historical, theoretical and objective understanding of crime, the offender and the correctional process in society. Topics include custodial procedures and theory, correctional treatment, and basic social systems in relation to crime problems.

CJC 3410 Methods of Offender Treatment 3 credits
Theories and techniques which may be employed within the boundaries of probation, parole, or prison. It explores their use in altering the attitudes, values, and behaviors of persons adjudicated guilty by the criminal justice system.

CJC 4010 American Corrections 3 credits
Comprehensive examination of the U.S. correctional system, including theories of punishment and rehabilitation, the historical antecedents of modern corrections, the operation and administration of correctional facilities, prison life, and contemporary debates concerning the role of corrections in society.

CJC 4015 Issues in Corrections 3 credits
A critical analysis of contemporary issues that are plaguing the correctional system. The class will examine both, the punitive and rehabilitative perspectives on corrections.

CJC 4014 Issues in Law Enforcement 3 credits
This course uses readings, discussion, lecture and research presentations to explore contemporary issues in law enforcement policy and practice. Topics vary (discuss with instructor) and this course may be repeated. Instructor permission may be required during some semesters.

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CJC 4014 Issues in Law Enforcement 3 credits
This course uses readings, discussion, lecture and research presentations to explore contemporary issues in law enforcement policy and practice. Topics vary (discuss with instructor) and this course may be repeated. Instructor permission may be required during some semesters.

CJE 4114 Law Enforcement 3 credits
Examination of the American law enforcement system at the federal, state, and local levels. Emphasis is on functions, responsibilities, and issues of local police agencies, as addressed in police research.

CJE 4010 American Corrections 3 credits
A comprehensive examination of the operation of correctional facilities, prison life, and contemporary debates concerning the role of corrections in society.

CJC 4015 Issues in Corrections 3 credits
A critical analysis of contemporary issues that are plaguing the correctional system. The class will examine both, the punitive and rehabilitative perspectives on corrections.

CJC 4166 Alternatives to Incarceration 3 credits
Alternatives to imprisoning the offender, including probation, parole and diversion. Community-based intervention and treatment approaches and the impact of social, political, and economic influences.

CJE 3365 Crisis Intervention 3 credits
Provides law enforcement, public service personnel, and clinicians with a general understanding of crisis intervention strategies and the kinds of situations that may be encountered.

CJE 4014 Issues in Law Enforcement 3 credits
This course uses readings, discussion, lecture and research presentations to explore contemporary issues in law enforcement policy and practice. Topics vary (discuss with instructor) and this course may be repeated. Instructor permission may be required during some semesters.

CJE 4015 Issues in Corrections 3 credits
A critical analysis of contemporary issues that are plaguing the correctional system. The class will examine both, the punitive and rehabilitative perspectives on corrections.

CJC 4010 American Corrections 3 credits
Comprehensive examination of the U.S. correctional system, including theories of punishment and rehabilitation, the historical antecedents of modern corrections, the operation and administration of correctional facilities, prison life, and contemporary debates concerning the role of corrections in society.

CJC 4015 Issues in Corrections 3 credits
A critical analysis of contemporary issues that are plaguing the correctional system. The class will examine both, the punitive and rehabilitative perspectives on corrections.

CJC 4166 Alternatives to Incarceration 3 credits
Alternatives to imprisoning the offender, including probation, parole and diversion. Community-based intervention and treatment approaches and the impact of social, political, and economic influences.

CJE 4444 Crime Prevention 3 credits
Theory, operation, evaluation of crime prevention strategies.

CJE 4612 Interview and Interrogation 3 credits
Interview and Interrogation is designed on the principle of keeping the officer in control of the situation, while demonstrating effective listening and communication skills. Students are exposed to the interview process in logical steps, each designed to understand deception and malingering, and mechanisms for counteracting.

CJE 4641 Advanced Criminalistics 3 credits
Advanced Forensics focuses on the death investigation which encompasses latent prints, taphonomy, blood pattern analysis, pathology, entomology, and human remains decomposition. Study also includes trauma associated with arson, blunt and sharp instruments, ballistics, poisoning, asphyxiation, and electrocution.
Prerequisites: CCJ 3670
Fee Required

CJE 6622 CSI and Laboratory Mgt 3 credits
Skills necessary to manage a Crime Scene Investigation Unit.
and a Forensic Laboratory including science personnel management, instrumentation calibration, logistics of managing laboratory consumables, identifying special skill needs, evaluating space requirements, ensuring universal precautions are adhered to, and evidence management.

CJE 6629 Integrative Project 6 credits This is the culmination of the MS in Criminal Forensic Studies. Each student, under the supervision of a Criminal Forensic Studies faculty member, will prepare research questions, conduct research, and author an original Master's Thesis. The student is required to orally defend the Thesis before a panel of three Criminal Forensic Studies Faculty.
Prerequisites: CCJ 6940

CJE 6645 Medicolegal Investigation I 3 credits Principles and techniques of Death Investigation. Topics include interaction among law enforcement agencies at the federal, state, and local level; investigative tools & equipment; first responder activities & responsibilities; documenting & evaluating the scene. First of two courses to qualify students to sit for the certification examination as a Medicolegal Death Investigator.

CJE 6646 Medicolegal Investigation II 3 credits Principles and techniques of Death Investigation. Topics include documenting & evaluating the body, establishing & recording decedent profile information, and completing the scene investigation. Second of two courses to qualify students to sit for the certification examination as a Medicolegal Death Investigator.
Prerequisites: CJE 6645

CJE 6748 Practicum-Human Identity 3 to 6 credits The Criminal Forensic Practicum is a field experience in Human Identity analysis.
Corequisites: CCJ 4933
Fee Required

CJE 6749 Ind. Research-Human Identity 3 to 6 credits Candidates work directly with supervising faculty to conduct independent research specific to their degree concentration.
Prerequisites: CCJ 6707 or CCJ 6709
Fee Required

CJJ 4015 Juvenile Justice System 3 credits History, philosophy, and evaluation of the juvenile court and juvenile court practices and procedures. Topics may include neglect, dependency and delinquency; jurisdiction of the court, and roles of the police officer, the correctional officer, and the social worker in the juvenile justice system.

CJJ 4018 Issues in Juvenile Justice 3 credits In-depth analysis of contemporary issues in juvenile justice. Stresses research-based evaluation of policy and current state of the juvenile justice system including nonresearch-based influences on the system.

CJL 4064 Constitutional Criminal Law 3 credits Basic concepts of constitutional criminal law, including the historical basis of the American criminal law system.

CJL 4074 Legal Issues in Corrections 3 credits Overview of the legal aspects of corrections, from conviction to release. Emphasis is on the practical, legal problems confronting the probation and parole officer and the corrections administrator.

CJL 4415 Law & Social Control 3 credits The study of law and social structure, sociology of law, and formal control mechanisms. Examination of the philosophical, legal, and scientific modes of inquiry that are central to the study of law.

CJL 4510 Courts & Legal Issues 3 credits The American court system, with emphasis on jurisdiction, policies, and procedures of courts in the administration of criminal justice. Central principles of criminal law, including the substantive elements of defining conduct for specific crimes and the various exculpatory conditions for criminal liability.

CJL 5085 Comparative Crim Just Systems 3 credits Examination of various criminal justice systems in specific nations, cultures, or societies. Explores law enforcement, corrections, and the judiciary in comparative context; provides an overview of the historical bases, societal and cultural influences in the development of justice systems studied.

CJL 6125 Corp & Environmental Crime 3 credits Analysis of US corporations, EPA, and violations by these entities. The course also attempts to arrive at solutions.

CJL 6621 Criminal Evidence 3 credits In-depth analysis of Constitutional due process guarantees; particularly rules of evidence. Participation in moot court as expert witness, juror, and attorney adversarial process.

CLP 3140 Basic Psychopathology 3 credits Review of the major child, adolescent and adult psychological disorders. This course is not intended for Psychology majors. Prerequisites: PSY 2012 with a minimum grade of C

CLP 4143 Abnormal Psychology 3 credits Descriptive Psychopathology, theoretical models, empirical evaluation and treatment of maladaptive behavior. Prerequisites: PSY 2012 with a minimum grade of C and (PSY 3044 with a minimum grade of C or PSY 3017 with a minimum grade of C) and STA 2023 with a minimum grade of C

CLP 4302 Intro to Clinical Psychology 3 credits Introduction to Clinical Psychology: Surveys scientific basis, training, roles, models, controversies, and ethics. Prerequisites: PSY 2012 and STA 2023 and CLP 4143 and (PSY 3017 or PSY 3044)

CLP 4314 Health Psychology 3 credits Review of application of clinical psychology in behavioral medicine context. Emphasis on rehabilitation and prevention. Prerequisites: PSY 2012 with a minimum grade of C and (PSY 3044 with a minimum grade of C or PSY 3017 with a minimum grade of C) and STA 2023 with a minimum grade of C

CLP 4414 Behavior Modification 3 credits Introduction to behavior analysis and application of learning principles, behavioral assessment, single subject research designs, and interventions in treatment settings. Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

CLP 4433 Psych Tests & Measurements 3 credits Consideration of the theoretical issues in psychometric test development. Review of instruments for intellectual, personality and neuropsychological assessment including development, applications, and potential abuses. Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

CMM 1100 Florida Native Languages I 3 credits Florida Native Languages course teaches reading, writing,
speaking, and understanding oral languages through field techniques from linguistics and anthropology and classic foreign language pedagogy. Topics include grammar, syntax, vocabulary, and orthography. Permission of instructor required.

CMM 1101 Florida Native Languages II 3 credits
Florida Native Languages course teaches reading, writing, speaking, and understanding oral languages through field techniques from linguistics and anthropology and classic foreign language pedagogy. Topics include grammar, syntax, vocabulary, and orthography. Permission of instructor required. Prerequisites: CMM 1100

CMM 3200 Florida Native Languages III 3 credits
Florida Native Languages course teaches reading, writing, speaking, and understanding oral languages through field techniques from linguistics and anthropology and classic foreign language pedagogy. Topics include grammar, syntax, vocabulary, and orthography. Permission of instructor required. Prerequisites: CMM 1120 and CMM 1121

CMM 3201 Florida Native Languages IV 3 credits
Florida Native Languages course teaches reading, writing, speaking, and understanding oral languages through field techniques from linguistics and anthropology and classic foreign language pedagogy. Topics include grammar, syntax, vocabulary, and orthography. Permission of instructor required. Prerequisites: CMM 1120 and CMM 1121 and CMM 3200

COM 3014 Communication and Gender 3 credits
Explores sexual biases that affect male/female communication. Distinct verbal and nonverbal vocabularies of men and women that affect the way people interact in education, politics, marriage, family, business, and broadcasting are examined. Consideration is given to how gender affects credibility or status in discussion, debate, mass media portraits, and other realms of discourse.

COM 3120 Org Comm Behavior 3 credits
Examines communication within organizations with emphasis on organizational theory and structure, systems analysis, and communication networks.

COM 3343 Rhetorical Criticism 3 credits
Studies the methods of modern rhetorical critics. Emphasizes research and writing skills for a critical evaluation of rhetorical artifacts.

COM 3344 Rhetoric of Social Movements 3 credits
Examines the rhetorical impact social movements have upon a culture, including their influence on identity formation.

COM 3407 Theories of Comedy 3 credits
Upper-level theory class exploring the rhetorical construction and societal uses of comedy. The course focuses on four theoretical approaches - cathartic, mechanistic, taboo, and superiority. Prerequisites: SPC 1600 or SPC 2023

COM 3462 Communication and Conflict 3 credits
This course will explore communication theories, principles, and methods associated with conflict, conflict escalation, conflict management, and conflict resolution in contexts such as interpersonal, family, neighborhood and region, nation and global community as well as environmental conflict. Prerequisites: SPC 1600 or SPC 2023

COM 3510 Political Campaign Rhetoric 3 credits
Introduces students to rhetorical techniques, strategies, and constraints in political campaigns. Includes an examination of speechwriting, advertising, and organizational public relations techniques.

COM 3540 Persuasion and Propaganda 3 credits
An advanced introduction to rhetorical and behavioral theories, principles, and strategies that will be examined and applied to contemporary persuasive communications. Prerequisites: SPC 1600 or SPC 2023

COM 4312 Research Methods 3 credits
Research methods most commonly used in the study of communication are examined. Both qualitative and quantitative methods are taught. Students are required to conduct a major communication research project. Prerequisites: SPC 3210

COM 4930 Spec Topics in Communication 1 to 6 credits
Topics may vary from semester to semester, as may hours. Junior status is required.

COP 1500 Intro to Computer Science 3 credits
Introducing basic concept of computing; computer architecture and organization, operating systems, programming languages, software design and construction, performance evaluation. Problem solving, notion of an algorithm and discrete models in computing.

COP 2001 Programming Methodology 3 credits
Advanced computer programming concepts and problem solving are explored using a procedural programming language. Topics include interfaces, random number generation, pointers, dynamic memory allocation, more character string handling, structures, file I/O, and recursion. Includes two hours of lecture and one hour of lab per week. Prerequisites: COP 2006 with a minimum grade of C and MAC 2312 with a minimum grade of C Fee Required

COP 2006 Introduction to Programming 3 credits
Introductory computer programming concepts and problem solving skills are learned using a modern programming language. Principles of good programming style are emphasized. (Advisor Permit Required) Prerequisites: COP 2006 with a minimum grade of C and MAC 2311 with a minimum grade of C

COP 2532 Data Structures 3 credits
Data structure design, implementation, application, and analysis are explored. Abstract data types (ADTs) are introduced and use of interfaces is emphasized. Topics include stacks, queues, linked lists, and trees. Recursion is revisited, functions as data is considered, and computational complexity of searching and sorting algorithms are explored. Prerequisites: COP 3003 with a minimum grade of C and MAD 3107 with a minimum grade of C

COP 2550 Programming Systems 3 credits
A range of modern programming systems from the imperative and declarative language paradigms is explored. Topics include selected procedural, object-based, parallel processing, logic, functional, and database languages. Prerequisites: COP 2532 Fee Required

COP 3003 Object-Oriented Programming 3 credits
Computer programming concepts and problem solving are explored using an object-oriented programming language. Topics include use of predefined classes, creation of objects and classes, encapsulation using visibility modifiers, inheritance, class hierarchies, polymorphism, interfaces, exceptions, and stream I/O. Graphics and graphical user interfaces
(GUIs) are explored. Includes two hours of lecture and one hour of lab per week.
Prerequisites: COP 2001 with a minimum grade of C
Fee Required

COP 4610 Operating Systems 3 credits
Covers the key concepts, mechanisms, and structure that underlie operating systems. The fundamental components of operating systems including process management, memory management, scheduling, file and storage management, I/O device management, and protection/security are explored. Contemporary design issues and current directions in development of operating systems are discussed. Case studies of several prominent operating system implementations are investigated.
Prerequisites: COP 2532 with a minimum grade of C and CDA 3104 with a minimum grade of C

COP 4908 Independent Study 3 credits
Reading, problem solving, project development, simulation, laboratory investigation, field work, or a combination of these activities is done under the supervision of a faculty member.
(Instructor consent required)

COP 4931 Special Topics in Comp. Sci. 3 credits
A contemporary subject in the field of computer science is explored. (Instructor consent required)

COT 3400 Algorithms 3 credits
The design, implementation, analysis, and application of a range of computer algorithms are explored. Function order of growth and amortized analysis are used in analyzing algorithms. A review and extension of data structure topics including stacks, queues, trees, graphs, lists, sets, hash tables, and heaps are covered. Algorithm design strategies such as divide-and-conquer, the greedy method, and dynamic programming are studied. NP-complete problems are introduced. Pattern matching and parallel algorithms are explored.
Prerequisites: COP 2532 with a minimum grade of C
Fee Required

COT 3402 Comparative Politics 3 credits
Political systems of a representative sample of developing and developed countries. Particular attention is paid to the capacity of these societies to respond to the challenges of population growth, environmental degradation, and the world economy.

COT 3303 Latin American Politics 3 credits
An examination of the economic and cultural forces that have given rise to contemporary Latin America. Key topics include democracy, human rights, economic integration, transnational political relations, and environmental sustainability.
Prerequisites: ENC 1102 with a minimum grade of C

COT 4057 Politics and Violence 3 credits
Examines contemporary perspectives on the problems posed by political violence and considers approaches for ameliorating these problems.
Prerequisites: ENC 1102

COT 4076 Comparative Propaganda 3 credits
Comparative analysis of propaganda in Fascist, State Socialist, and Democratic political systems.
Prerequisites: ENC 1102 with a minimum grade of C

COT 4375 Politics Caribbean/C. America 3 credits
Examines the politics, economies, and societies of Caribbean Basin countries. Focuses both on the internal development of Caribbean Basin countries and on long-term regional and hemispheric trends affecting their politics and policies.

Prerequisites: ENC 1102

CPO 4930 Special Topics Comp Politics 3 credits
Prerequisites: ENC 1102

CRW 2001 Intro to Creative Writing 3 credits
Practice in developing skills in composing and editing original creative work. At least 6,000 words of graded written work are required (Gordon Rule).
Prerequisites: ENC 1101 with a minimum grade of C

CRW 4120 Advanced Fiction Writing 3 credits
Development of an individual style in writing fiction; critiquing, editing, and revising original fiction and preparing fiction for publication.
Prerequisites: CRW 2001 with a minimum grade of C

CRW 4320 Advanced Poetry Writing 3 credits
Development of an individual style in writing poetry; critiquing, editing, and revising original poetry; and preparing poetry for publication.
Prerequisites: CRW 2001 with a minimum grade of C

CRW 6130 Fiction Writing Workshop 3 credits
Examination of the fictional genres with an emphasis on the development of individual styles, writing and revising fiction and preparing it for publication.

CRW 6310 Poetry Writing Workshop 3 credits
Examination of poetic forms with an emphasis on the development of individual styles, writing and revising poetry and preparing it for publication.

CRW 6910 Directed Research 3 credits
Supervised research as part of a significant creative project. Approval of the coordinator of graduate studies required.

CRW 6930 Spec Tops in Creative Writing 3 credits
Focused study of a specific topic or issue relating to creative writing. Course may be repeated once with a change in content.

CWR 3201C Engineering Fluid Mechanics 3 credits
Fundamentals of fluid mechanics; properties of fluids, hydrostatics; conservation of mass, momentum and energy in fluid flow; laminar and turbulent pipe flow; compressible flow; surface resistance; similarity and dimensional analysis; turbomachinery; and flow measurements; laboratory.
Prerequisites: MAP 2302 with a minimum grade of C
Fee Required

CWR 3202C Hydraulics and Hydrology 4 credits
Fundamental equations governing the hydraulics of flow in pipes and open conduit, piping networks, pumps, and hydraulic systems. Development of design oriented equations for pipes and open channels. Fundamentals of surface and groundwater hydrology; hydrologic cycle. Application of hydraulics to hydraulic and transportation design, runoff evaluation, design of control structures, floodplain mapping. Analysis and methods of runoff prediction. With emphasis on the unique hydrology of SW Florida.
Prerequisites: CWR 3201C with a minimum grade of C

DAA 2000 Theatre Dance Styles 2 credits
Development of technical skills in social and historical dance forms frequently stylized for use by dance choreographers. May be repeated once with permission of instructor.

DAA 2300 Ballroom/Social Dancing 2 credits
Development of technical skills in social/ballroom dance. May be repeated once with permission of instructor.
Course Descriptions

DAA 3684 Dance Theatre Lab 2 credits
Experience in dance ensemble and performance work. May be repeated once with permission of instructor.

DEP 2004 Principles of Development 3 credits
Survey of the major themes and recent findings in the area of lifespan development. Emphasis will be on the major biological, psychological and social developments from conception to death.
Prerequisites: PSY 2012 with a minimum grade of C

DEP 4054 Developmental Psychology 3 credits
Survey of methods, empirical findings and theoretical interpretations in the study of human development across the lifespan.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

DEP 4104 Advanced Child Psychology 3 credits
This course is designed to teach students about the psychological development of infants, toddlers, and preschoolers. Classroom study of the social, cognitive, motoric, and personality development of young children will be augmented by direct observation and interaction with young children.

DEP 4404 Psych of Adulthood & Aging 3 credits
A life-span approach to human development across adulthood into late life. Cognitive aging, changes in social functioning, personality development, and adjustment in later life.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

ECO 1000 Survey of Economics 3 credits
Introductory survey of basic economic principles applied to public policy issues. Not a substitute for ECO 2013 or ECO 2023, nor a prerequisite for any other ECO or ECP course.

ECO 2013 Princ of Macro Economics 3 credits
Fundamental relationships in the aggregate, or macroeconomy. Basic measures, uses and limitations of macroeconomic activity. Public policy goals and alternative policy proposals regarding inflation, economic growth, unemployment and scarcity.
Prerequisites: ECO 2023 with a minimum grade of C

ECO 2023 Princ of Micro Economics 3 credits
Individual components of an economic system. Special emphasis is placed on decision-making by individuals and by firms. Market structures of competition and monopoly; supply and demand; international trade and finance.
Prerequisites: MAC 1105 with a minimum grade of C

ECO 3101 Intermediate Price Theory 3 credits
Behavior of individual economic units, primarily consumers and firms. Development of tools for analysis and explanation of various economic phenomena.
Prerequisites: ECO 2023

ECO 3203 Intermediate Macroeconomics 3 credits
An extension of the two principles of economics courses that evaluate the roles of the private and public sectors in the determination of national income, employment, and prices. Competing theories of the macroeconomy will be covered and at least one of the major macroeconomic models will be developed in depth. Money and monetary policy will be covered as will the interplay of domestic and international economies upon one another. Monetary and fiscal policies will be covered and critiqued.

ECO 3410 Econometrics I 3 credits
Covers statistical methods as applied in economics and finance. Topics include estimation and hypothesis testing, ordinary least squares estimators and their properties, single and multiple regression models.
Prerequisites: ECO 2023 with a minimum grade of C and STA 2023 with a minimum grade of C

ECO 3703 International Economics 3 credits
Gains from trade, balance of payments, exchange rate determination, balance of payments stability, and international commercial policy.
Prerequisites: ECO 2013 with a minimum grade of C and ECO 2023 with a minimum grade of C

ECO 4003 Economics of the Public Sector 3 credits
The study of the role of government in a market economy, including how government budgetary policy (spending, taxing, borrowing, and debt management) affects the economy and its citizens.
Prerequisites: ECO 2013 and ECO 2023

ECO 4504 Economics of the Public Sector 3 credits
The study of the role of government in a market economy, including how government budgetary policy (spending, taxing, borrowing, and debt management) affects the economy and its citizens.
Prerequisites: ECO 2103 and ECO 2023

ECO 5005 Foundations of Economics 3 credits
An accelerated survey of microeconomic and macroeconomic concepts. The microeconomics component addresses economic decision-making by individuals and firms in a market economy. Resource allocation, supply and demand, market structures and the wealth effects of a market economy are covered. The macroeconomic component deals with output, employment, the business cycle and policy decisions at the national level. Open to graduate students without a previous background in economics.

ECO 6905 Directed Independent Study 1 to 3 credits
Independent graduate level study and research under the direction of a faculty member. A prospectus and the product(s) of the completed research undertaken will become a permanent part of the student’s file. Not automatically transferable. Permission of the instructor and/or the director of the program is required.

ECP 3302 Economics of the Environment 3 credits
A study of the economics of natural resources, energy, their uses and their impact upon the environment; utilization of external cost and benefit analysis to study the relationship between natural resource availability and growth; and an examination of alternative strategies and policies in solving the problems of environment quality and resource scarcity.
Prerequisites: ECO 2023 and ECO 2013

ECP 3613 Urban Economics 3 credits
A study of urban development, location theory, economics of housing, local public finance, and urban problems associated with poverty, racial discrimination, and transportation.
Prerequisites: ECO 2013

ECP 3703 Managerial Economics 3 credits
A study of economic decision making by the firm in relation to the industry and the economic and regulatory environment in which it operates; to use economic analysis in economic decision making the business policy formulation; to apply
macroeconomics in making decisions in anticipation of cost, revenue and profit behavior.

Prerequisites: ECO 2023

ECP 3905 Directed Independent Study 1 to 3 credits
Supervised undergraduate study in economic problems and policy under the direction of a faculty member. A prospectus and the product(s) of the completed research undertaken will become a permanent part of the student’s file. Not automatically transferable. Consent of the instructor and departmental approval are required.

Prerequisites: ECO 2013 with a minimum grade of C and ECO 2023 with a minimum grade of C

ECP 3930 Special Topics 1 to 3 credits
Topics of current interest in economic problems and policy. The course may also offer advanced versions of courses presently offered. Not automatically transferable.

Prerequisites: ECO 2013 with a minimum grade of C and ECO 2023 with a minimum grade of C

ECP 6311 Econ of Natural Resources I 3 credits
A study of the economic theory of optimal resource use and tests of resource scarcity.

Prerequisites: ECO 6005

ECP 6536 Economics of Health Care I 3 credits
A study of the fundamental economic relations governing the production, consumption, and financing of health care services; characteristics of demand and production relationships; response of supply, shortages and possibilities for factor substitution, insurance and organizational alternatives.

Prerequisites: ECO 6005

ECP 6642 Real Estate Economics 3 credits
This course introduces the student to the economic issues that are encountered in real estate markets. Special emphasis is placed on the differences between real estate markets and traditional markets.

ECP 6705 Managerial Economics 3 credits
Synthesis and application of microeconomics theory, tools and related business administration principles to a wide range of business and economic problems involving managerial decision-making from a problem-solving orientation. Topics include an examination of theoretical and empirical demand and cost functions, the fundamentals underlying business activity as it relates to the process of price management and decision making under various market conditions and regulatory constraints, long and short-run planning, and domestic and international conditions influencing the firm’s profitability and growth.

Prerequisites: ECO 6005

ECP 6930 Special Topics 1 to 3 credits
Topics of current interest in economics problems and policy. Topics will vary. The course may also be used to offer advanced versions of graduate courses presently offered. Not automatically transferable. Consent of the instructor and/or director of the program is required.

Prerequisites: ECO 6005

EDA 6061 Principles of Ed Leadership 3 credits
This is a survey course that introduces students to Educational Leadership as a profession. Consideration of organization, control, and support of the educational system. Typically, this is a student’s first course in the program in Educational Leadership. Open to all graduate students.

EDA 6106 Admin Analysis & Change 3 credits
Change and change strategies in formal and informal organi-

izations are foci. Students will develop change strategies and will apply them to selected situations.

EDA 6192 Organizational Development 3 credits
Addresses leadership theory, change, and planning systems. Course focuses on historical and current best practices in leadership and change theory.

EDA 6195 Policy Development 3 credits
Contemporary research on diffusion of innovations, political power in policy decision making. Role of establishing educational policies.

EDA 6232 School Law 3 credits
Basic essentials of School Law. A review of court decisions affecting American education with emphasis on Florida state statutes.

EDA 6242 School Finance 3 credits
Financial support of education by local, state, federal sources, with emphasis on Florida; introduction to educational budgeting.

EDA 6262 Planning Educ Facilities 3 credits
Problems in the planning, construction, and use of educational facilities. Visitation and/or evaluation of selected schools.

EDA 6503 The Principalship 3 credits
Organization and administration of the school. Emphasis on the competencies necessary for leadership and management by the principal as the administrator and instructional leader.

EDA 6910 Directed Research 1 to 9 credits
Supervised research.

EDA 6931 Case Studies Educational Ldshp 3 credits
Helps prospective administrators understand administrative problems, propose feasible solutions, and evaluate courses of action. Develops skill in decision making.

EDA 6945 Practicum Educational Leadshp 1 to 8 credits
Field experiences in school systems for identifying and analyzing educational problems and their solutions. Open only to students admitted to the Program in Educational Leadership who have successfully completed at least 30 semester hours of their coursework. Permission of faculty in Educational Leadership required.

EDA 6971 Thesis: Master’s 1 to 19 credits
Supervised thesis.

EDE 3260 Emerg Lit Com & Cul 6 credits
Introduction to the acquisition and development of language, literacy theories, processes, instructional strategies and assessments. Survey of cultural indices and considerations for modifications and adaptation to meet the language and literacy needs of all children. Students should reserve at least three clock hours per week during the regular public school day for field experience.

Prerequisites: EDF 3201 with a minimum grade of C and EDG 3201 with a minimum grade of C

EDE 4301 Teaching Methods in Elem School 3 credits
Techniques and strategies appropriate to instruction of children in educational settings.

Prerequisites:

EDE 4304 Integrated Math & Science 3 credits
Techniques and materials for integrating mathematics and
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDE 4930</td>
<td>Spec Topics in Elem Educ</td>
<td>3</td>
<td>The special topic will be discussed in depth based on current research and required observations in the field. The student will examine the applicability to classroom practice.</td>
</tr>
<tr>
<td>EDE 4936</td>
<td>Senior Seminar- Elem Ed</td>
<td>3</td>
<td>A ten-week internship, five days per week, to refine and demonstrate effective teaching practices. Students will assume the teacher role in selected schools or agencies.</td>
</tr>
<tr>
<td>EDE 4940</td>
<td>Internship: Elementary Ed</td>
<td>9</td>
<td>A ten-week internship, five days per week, to refine and demonstrate effective teaching practices. Students will assume the teacher role in selected schools or agencies.</td>
</tr>
<tr>
<td>EDE 4941</td>
<td>Childhood Educ Internship Lev I</td>
<td>3</td>
<td>Students spend six hours per week in a supervised in-school experience and attend weekly seminars.</td>
</tr>
<tr>
<td>EDE 4942</td>
<td>Integrated Field Exp: Elem. Ed</td>
<td>3</td>
<td>Semester-long internship to observe and demonstrate effective teaching practices. Students will partially assume the teacher role in selected schools or agencies.</td>
</tr>
<tr>
<td>EDE 6205</td>
<td>School Curriculum: Elem</td>
<td>3</td>
<td>Organization, curriculum, and instruction of the elementary school with emphasis on the nature of the students served. Open to all education graduate students.</td>
</tr>
<tr>
<td>EDE 6206</td>
<td>Elementary C&amp;I</td>
<td>3</td>
<td>Analysis of curriculum theories, materials, and practices as they affect learning in the elementary school.</td>
</tr>
<tr>
<td>EDE 6225</td>
<td>Prob in Curric &amp; Inst: Elem</td>
<td>3</td>
<td>For teachers, supervisors and administrators. Curricular and instructional problems of the elementary school. Common problems of special interest to the participants. Normally, for certification requirements only.</td>
</tr>
<tr>
<td>EDE 6303</td>
<td>Eff Tchg Methods</td>
<td>3</td>
<td>To provide meaningful experiences, based on Educator Accomplished Practices for the development of classroom management skills necessary for effective teaching in diverse and inclusive elementary education classrooms.</td>
</tr>
<tr>
<td>EDE 6305</td>
<td>Creative Teaching</td>
<td>3</td>
<td>Creative processes and principles in the teaching of the art and content subjects to elementary school pupils.</td>
</tr>
<tr>
<td>EDE 6906</td>
<td>IndStud: Elem/EarlyChildEdu</td>
<td>1 to 6</td>
<td>Independent study in which students must have a contract.</td>
</tr>
<tr>
<td>EDE 6932</td>
<td>Special Topics in Teaching</td>
<td>3</td>
<td>Teachers in K-12 will refine and gain greater expertise in clinical teaching, peer support, and supervision of interns and beginning teachers and apply state standards for students and teachers.</td>
</tr>
<tr>
<td>EDE 6946L</td>
<td>C&amp;I Practicum: Elem</td>
<td>3</td>
<td>A practical application for C&amp;I theory in a supervised field experience to develop and practice effective curriculum planning and instructional practices. Field work will be conducted concurrently with Elementary C&amp;I course.</td>
</tr>
<tr>
<td>EDF 2005</td>
<td>Introduction to Education</td>
<td>3</td>
<td>Survey course to orient students to the profession of education. Focus on current issues in education and their relationship to the disciplines social, philosophical and historical foundations. Thirty hours of field experience in pre-K - 12 schools required as part of this course.</td>
</tr>
<tr>
<td>EDF 3011</td>
<td>Student Develop and Learning</td>
<td>3</td>
<td>Prerequisites: EDE 6206</td>
</tr>
<tr>
<td>EDF 3122</td>
<td>Learning &amp; Developing Child</td>
<td>3</td>
<td>Preadolescent child growth and development, learning theory, and behavioral analysis applied to instruction and to the organization and management of the classroom.</td>
</tr>
<tr>
<td>EDF 3201</td>
<td>Diversity of Human Experience</td>
<td>6</td>
<td>The complexity and variety of opportunities in early childhood, elementary and special education are explored. Each field, including ESOL will be addressed within the context of human diversity. Students should reserve at least three clock hours per week during the regular public school day for field experience.</td>
</tr>
<tr>
<td>EDF 3251</td>
<td>Classroom Org &amp; Management</td>
<td>3</td>
<td>Development of instructional, organizational, and management knowledge and skills integrating components of classroom organization and management, school safety, professional ethics, and educational law necessary to create a positive learning environment.</td>
</tr>
<tr>
<td>EDF 3542</td>
<td>Philosophy of Education</td>
<td>3</td>
<td>The basic cultural, social, historical, legal, financial, political, and governance, structures of American education and schooling; and, the nature of professionalism in democratic society.</td>
</tr>
<tr>
<td>EDF 3604</td>
<td>Sr Seminar: Social Fndns of Ed</td>
<td>3</td>
<td>Social, economic and political context within which schools function and the values which provide direction for our schools; the culture as a motivating influence and instruction. May be offered in Senior Seminar format in some programs.</td>
</tr>
<tr>
<td>EDF 4112</td>
<td>Child Growth and Development</td>
<td>3</td>
<td>Understanding of child growth and development, including atypical development and knowledge of contemporary theories and theorists.</td>
</tr>
<tr>
<td>EDF 4424</td>
<td>Measurement Eval in Classroom</td>
<td>3</td>
<td>This course is focused on providing teachers with the skills needed to evaluate K-12 student learning within the Florida accountability context. Teacher candidates learn to evaluate assessment materials provided in textbooks and district cur-</td>
</tr>
</tbody>
</table>
ricula to ensure that K-12 students have adequate opportunities to learn and demonstrate the Sunshine State Standards. Students learn to modify these materials, as needed, in order to evaluate the results of instruction by collecting, analyzing, and utilizing data collected through formal and informal means to improve student achievement.

EDF 4470 Assessment & Action Research 3 credits Concepts and skills related to designing, administering, evaluating, interpreting, applying and communicating results of classroom tests to include both performance and objective assessments. Concepts and skills in administration, interpreting, applying, and communicating results of standardized assessments. Emphasis will be on the use of assessment tools to improve instruction and student achievement. Prerequisites:

EDF 5136 Teaching the Adolescent Learner 3 or 4 credits Educational, intellectual, personality, physical, social, and environmental factors in adolescence and their importance for professionals who work with adolescents.

EDF 6125 Child Development 4 credits Educational, emotional, hereditary, intellectual, social, and physical factors influencing child growth and development.

EDF 6215 Learning Principles 3 credits Focuses on theories of learning and their application to instruction.

EDF 6259 Classroom Mgt and Org 3 credits Development of instructional, organizational, and management knowledge and skills integrating components of classroom organization and school safety, professional ethics, and educational law necessary to create a positive learning environment.

EDF 6284 Tools & Processes for Instruct 3 credits Hands-on experience with several systematic designs of instructional courseware. Topics include instructional strategies, comparison and implementation of instructed designs, and a simulated design environment.

EDF 6354 Theories Personality for Cours 4 credits Survey and analysis of major personality theories with emphasis on psychosocial and cognitive development throughout a person’s life span.

EDF 6401 Data and Analysis in Education 4 credits Theory and application of statistical procedures to problems in education: descriptive statistics, probability sampling, inferential statistics, interpretation of results, and introduction to computer programming for statistical analysis.

EDF 6432 Foundation of Measurement 3 credits Basic measurement concepts, role of education, construction of teacher-made tests and other classroom assessments, interpretation of standardized tests, and fundamental descriptive statistics for use in test interpretation.
ethic, racial, cultural, socioeconomic and/or linguistic backgrounds or who represent other categories of diversity. Classroom and/or community observations required.

EDG 3201 Professional Studies 6 credits
An exploration of the fundamental elements of professional studies in teacher education including an introduction to the field of curriculum and instruction. Emphasis is social, cultural, historical, political, economic, legal and philosophical foundations of American education, schooling, and the profession of teaching.
Prerequisites:

EDG 4320 Intro. to Creative Drama 3 credits
Introduction to the theory and practice of creative drama as it applies to use by elementary, middle school and secondary school teachers. Beginning with a study of dramatic play as it relates to human development, the course includes basic strategies when using pantomime, voice improvisation, theater games and role playing and story dramatization.

EDG 4343 Instructional Strategies 3 credits
This course provides an overview of instructional models and strategies. Emphasis is placed on principles of state standards, instructional methods, and lesson planning and instruction. Students will develop knowledge of instructional models and lesson plan construction for effective implementation including the diverse student populations.

EDG 4371 Creative & Affective Development 3 credits
Students gain expertise in knowledge of principles of music, visual art, and movement and learn how to apply this knowledge of the design of developmentally and culturally appropriate activities. A key focus is infusing the creative arts and movement into the curriculum.
Prerequisites: EDG 3201 with a minimum grade of C
Fee Required

EDG 4620 Curriculum & Instruction 3 credits
An introduction to the field of curriculum and instruction. Emphasis is placed on principles of curriculum development and use of instructional strategies. Students will develop, implement, and evaluate a variety of lesson plans.

EDG 4905 Independent Study 1 to 4 credits
Specialized independent study determined by the student’s needs and interests and supervision by a qualified faculty member. May be repeated.

EDG 4930 Special Topics in Education 1 to 4 credits
Topics of special or current interest. Students may repeat this course with different titles.

EDG 6250 Curriculum Design & Devel. 3 credits
Overview of curriculum and development issues. Presents relationship between curriculum theories and instructional practices, interrelationship of various components of a curriculum design, and curriculum design as a basis for decision-making in constructing instructional programs. Demonstrates different applications of curriculum principles to the development of educational programs especially in technology rich environments as well as assessment of current plans and organization of the curriculum.

EDG 6285 School Curriculum Improvement 3 credits
Open only to teachers in service. Complete faculty participation required.

EDG 6363 Capstone Seminar 1 to 3 credits
Students will design a scholarly project or write a proposal for research under the direction of the faculty advisor that integrates the principles, theories, and concepts of the core courses of the C&I program and the student’s concentration themes.

EDG 6627 Found. of Curriculum & Instr. 3 credits
Introductory course in curriculum and instruction at the graduate level, basic to all specialized courses in the field. Emphasis on foundations, design, basic concepts, theory, and trends of curriculum from early childhood through secondary levels. (Registration by permission only)

EDG 6631 Instruct Strat Diverse Learner 3 credits
Overview of characteristics of diverse learners and how gender, ethnicity, culture, socioeconomic status, language impact student perceptions and access to education and training opportunities. Course will identify factors and strategies essential to facilitate learning of diverse learners in different settings.

EDG 6705 Learn & Tch Except Pops, 6-12 3 credits
Course will cover the historical background of inclusion as well as best practices and accommodations for high and low incidence populations. Collaboration with special and general education personnel and parents will also be discussed.

EDG 6931 Selected Topics in Education 1 to 4 credits
Each topic is a course under the supervision of a faculty member. The title and content will vary according to the topic.

EDG 6935 Seminar in Curric Research 2 to 3 credits
Critical evaluation of current research and curriculum literature, design and analysis of individual research topics leading to the satisfaction of research requirements.
Prerequisites: EDF 6481 with a passing grade

EDG 6947 Internship 1 to 9 credits
Open to graduate degree candidates only. Supervised teaching at the secondary or junior college level as appropriate.

EDG 6971 Thesis: Masters 1 to 19 credits
Supervised Thesis Interdisciplinary Studies.

EDM 6235 School Curriculum:Middle 3 credits
Examines the organization, curriculum, and instruction of the middle school with special emphasis on the nature of the students served. Open to all education graduate students.
Prerequisites: EDG 6627 with a minimum grade of B

EDM 6256 Prob in Curr &Instr:Mid Schl 3 credits
For teachers, supervisors, and administrators. Curricular and instructional problems of the middle school. Common problems of special interest to the participants. Normally, for certification requirements only.

EDS 5414 Interpreting the Environment 3 credits
An indepth examination of the theory, methods, and contemporary practices in interpretation or the environment from literature review, field analysis and research investigations. Design and assessment of exhibits, trails, signage, creative drama, comprehensive programs and their staffing, management and funding.

EDS 6050 Human Resources Development 3 credits
Focuses on critical elements of human resource development in educational settings. Particular emphasis is on staff development and on improving and evaluating instruction.

EDS 6131 Clinical Supervision 3 credits
Trains administrators, supervisors, and peer teachers in observing and diagnosing teacher classroom performance, writing remedial plans, conducting post observation conferences,
and evaluating performance.

EDS 6239 Problems Personnel Development 3 credits
Analysis of instructional problems in schools. Emphasis on
supervisory tasks, case studies, and the application of prob-
lem solving techniques and strategies.
Prerequisites:

EEC 3268 Play Development & Assessment 3 credits
Utilizing age appropriate environments for young children, ef-
fective play facilitation, and play as a tool in assessing strate-
gies for children at risk.
Prerequisites:

EEC 4008 Lit. in Early Childhood Educ. 3 credits
Emphasis is placed on developing knowledge of literature for
younger children (0-8 years) and methodologies and strate-
gies for utilizing literature to teach literacy in content areas of
the curriculum.

EEC 4203 Prog for Young Children 3 credits
Historical and sociological foundations of early childhood
education, establishing professional beliefs regarding teaching
young children, and developing an appropriate learning envi-
ronment. Field experiences required.

EEC 4211 Integ. Sci & Math/Yng Children 3 credits
Beginning sequential science and mathematical concepts for
the appropriate stages of cognitive development of young children.
Prerequisites: EDG 3201 with a minimum grade of C
Fee Required

EEC 4212 Int. Curr.: S.S., Human.,& Art 3 credits
Develops understanding of appropriate curriculum experi-
ences in social science, humanities, and art for kindergarten
and primary grades with an emphasis on how learning experi-
ences are integrated throughout the curriculum. These curricu-
um areas can be integrative with how soci-
cultural influences such as culture, ethnicity, language and
gender impact understandings, values and learning.
Prerequisites:

EEC 4300 Cognitive Exp for Yng Children 3 credits
Theoretical aspects of cognitive development for children ages zero to eight with emphasis on planning development-
tally and culturally appropriate teaching-learning experiences and determining appropriate curriculum content in
language arts, science, mathematics, and social studies with an em-
phasis on integrated experiences.
Prerequisites:

EEC 4303 Creat/AffectExp for YoungChild 3 credits
The development of creative and affective experiences in
young children ages 0 - 8, emphasizing infusing creativity into
the integrated curriculum. In conjunction with the accompa-
nying field experience, students plan and implement develop-
mentally and culturally appropriate child-centered learning
experiences in play, music, drama, arts, and movement based
on the needs of individual children.
Prerequisites:
Fee Required

EEC 4404C Relations Across Fam-Sch-Comm 3 credits
The knowledge base and skills necessary to form partners-
ships with families and the community to enhance the care and
education of young children, to design and environment,
develop policies and adopt strategies that will assist children in
developing prosocial behaviors, and problem solving and
negotiating with children who exhibit challenging behaviors.

EEC 4408 Child Family & Teach Relations 3 credits
Focuses on developing understanding of traditional and non-
traditional families including structural and lifestyle variations
and understanding of parenting in diverse cultures including
high-risk families.
Prerequisites: EDF 4112 with a minimum grade of C and EEC 4300 with a minimum grade of C and EEC 4303 with a mini-

EEC 4510 Infants and Toddlers 3 credits
This course is designed to teach students the knowledge
base and skills necessary to provide a high-quality infant
and toddler program. The course will integrate knowledge of
individualizing care and education for all children including
children with special needs and children from diverse cultural
groups.
Prerequisites:

EEC 4706 Language & Emerging Literacy 3 credits
Focuses on developing an understanding of language develop-
ment, processes of emerging literacy and how teachers
support development through appropriate integrated curricu-
um experiences.

EEC 4936 Sr. Seminar: Early Childhood 3 credits
Capstone experience taken concurrently with the final intern-
ship. Trends and issues within the field of early childhood edu-
cation are examined from the perspective of the final intern-
ship experience.
Prerequisites:
Corequisites:

EEC 4940 Internship: Early Childhood 9 credits
Full day, full semester internship, with field placement in a kin-
dergarten, pre-kindergarten, or primary grade where teacher
candidates demonstrate the ability to apply knowledge, skills and dispositions in authentic situations.
Prerequisites:
Corequisites:

EEC 4942 Integrated Field Exp. - EC 3 credits
Semester-long internship, the equivalent of 2 full days per week, to observe and demonstrate effective teaching prac-
tices by assuming the teacher roles in selected schools or agencies. Students will be in two integrated field experiences, two consecutive days per week, for a total of 12 weeks. Field experiences will be carried out in selected school and com-

EEC 4936 Sr. Seminar: Early Childhood 3 credits
Capstone experience taken concurrently with the final intern-
ship. Trends and issues within the field of early childhood edu-
cation are examined from the perspective of the final intern-
ship experience.
Prerequisites:
Corequisites:

EEC 4943 Field Experience III 3 credits
Field placement in kindergarten or primary grade where teacher candidates have opportunity to apply knowledge and
skills in authentic situations. Focus on developing deeper understandings of growth and development and relationship
to curriculum planning and emphasis on self evaluation of
knowledge, skills and dispositions essential for teaching.
Prerequisites:

EEC 6261 Adv Prog in Early Child Educ 3 credits
Innovative curriculum designs in Early Childhood Education, with emphasis give to related research.
Prerequisites:

EEC 6405 Home-Schl-Comm Interac/EC 3 credits
Review of the current research on how children across the
lifespan and interact reciprocally with their families and with
the various levels of schooling in their learning process, col-
lectively and in small groups, we will be critically analyzing
policies and programs that address ways to mobilize schools
and families to work together in educational partnerships.

EEC 6406 Social Growth in Childhood 3 credits
Principle factors that influence the social development of young children with particular emphasis upon those cultural influences that affect both child development and the educational programs for the young child.

EEC 6705 Intellec Growth in Childhood 3 credits
Intellectual development of the normal child with particular emphasis on the studies of Jean Piaget and how they relate to curriculum for children, ages 0-8. Child study through observation required.

EEC 6926 Wshop in Early Childhood Educ 3 credits
Individual problems and innovations related to methods and materials of instruction in early childhood.

EED 4941 Practicum: Behavior Disorders 2 to 4 credits
Supervised field experiences in assessment, behavior management, and clinical teaching with children who have behavior disorders. Repeatable up to a total of five credit hours. First time taken for two credits, second time taken for three credits. (S/U only)
Prerequisites:

EED 6211 EduStrat for Stud w/BehavDisor 3 credits
Advanced methods and materials for planning, implementing, and evaluating educational interventions with students with behavior disorders.

EED 6215 AdvTheories&Prac in BehavDisor 3 credits
An understanding of the theoretical bases for explaining, preventing and treating emotional and behavioral disorders, and in implementing myriad techniques to effectively meet the needs of children and youth with behavioral and emotional disorders. The course is designed for Master's level students who plan to teach students with emotional and behavioral disorders in school and clinical settings. The focus is on etiological theories and their associated interventions relative to emotional and behavioral disabilities observed in educational settings. This course will help students integrate theoretical concepts with specific culturally sensitive approaches for identifying, classifying and intervening with students with behavior disorders and their families.

EED 6246 Educating the Autistic Student 3 credits
Developing and managing appropriate and effective educational programs and techniques for students who have autism.

EED 6943 Practicum in Behavior Disorders 1 to 8 credits
Supervised graduate practicum experiences with children who have behavior disorders. It provides opportunities for students to demonstrate their skills in applying concepts, theories, and research when working with students with special needs.

EEC 3003 Electrical Engineering I 3 credits
For non-EE majors. Basic principles of DC and AC circuit analysis, electronic devices and amplifiers, digital circuits, and power systems.
Prerequisites: MAC 2312

EES 3204C Environ Chem for Engineers 2 credits
Covers the basic chemical principles from general, physical, equilibrium, organic, biochemistry, colloid, and nuclear chemistry, focusing on the aspects of chemistry that are particularly valuable for solving environmental problems, thermodynamics, fugacity, charge-transfer, and properties of mixing; chemistry of aliphatic and aromatic compounds; organic functional groups and toxic organic chemicals; laboratory safety. Inquiry based and fully integrated with a laboratory that emphasizes active learning strategies.
Prerequisites: CHM 1046C with a minimum grade of C and PHY 2049C with a minimum grade of C and BSC 1010C with a minimum grade of C
Fee Required

EEX 2010 Intro to Special Education 3 credits
Introduction to exceptionality with particular emphasis on educational aspects. This course is required by the State of Florida for certification in all areas of exceptional student education.

EEX 4011 Foundations of Special Ed 3 credits
Survey of various exceptional student populations with a particular emphasis on the educational aspects of exceptionality. Foundations and evolution of the field of Special Education. The ethical implications of educational practice for this population will be explored.

EEX 4050 Theories & Prac in Spec Educ 3 credits
An overview of the fields of learning disabilities, behavior disorders, mental retardation and physically impaired that focuses on the theories, issues, trends, philosophies, historical perspectives, analysis of viewpoints, definitions, and characteristics of a disability are highlighted. Types of evaluation methods for eligibility criteria, IEP development and current best teaching practices are also covered.
Prerequisites:
Corequisites:

EEX 4070 Integ. Except. Students in Reg 2 to 3 credits
Integrating exceptional students in the regular class.

EEX 4201 Young Children with Spec Needs 3 credits
Comprehensive overview of the field of early childhood special education (ECSE), and in depth information on state of the art practices which facilitates both teacher and child competencies. Focus on “application,” with an emphasis on “hands on” experience.
Prerequisites:

EEX 4221 Educ Assess ofExceptional Stud 3 credits
Introduction to the complex policies, procedures, and legal mandates that guide the assessment of children for services in programs for exceptional children and to the techniques and methods commonly used in the assessment process. This course is linked to a practicum that requires students to apply concepts learned in the course. This course is required of all special education majors. Florida Department of Education standards and the Council for Exceptional Children standards both require this content.
Prerequisites:

EEX 4231 Assessing Prog Child w/Disab 3 credits
Knowledge to plan assessments for the purposes of identification and diagnosis, program planning and program evaluation for infants and young children with and without disabilities.
Prerequisites:

EEX 4243 Edu of Excep Adoles & Adult 3 credits
Planning and implementing multicultural educational programs for adolescent and secondary level exceptional students. Assessing curriculum models, materials, teaching strategies, and transition requirements for the full range of students with disabilities, including gifted and talented. This course is required for all of the department's.
Prerequisites:
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<tr>
<th>Course Code</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EEX 4255</td>
<td>Teaching Students Mod/Sev Disabil</td>
<td>3</td>
</tr>
<tr>
<td>EEX 4604</td>
<td>Behav Mgmt Spec Need/At Risk Stud</td>
<td>3</td>
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<tr>
<td>EEX 4742</td>
<td>History &amp; Narr Pers Exception</td>
<td>3</td>
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<tr>
<td>EEX 4846</td>
<td>Tching Students w/Mild-Mod Dis</td>
<td>3</td>
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<tr>
<td>EEX 4905</td>
<td>Independent Study</td>
<td>1-3</td>
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<tr>
<td>EEX 4930</td>
<td>Spec Topics in Spec Ed</td>
<td>3</td>
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<tr>
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<tr>
<td>EEX 4942</td>
<td>Integr Field Exper in Spec Ed</td>
<td>3</td>
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<tr>
<td>EEX 5752</td>
<td>Work w/Fam: Pluralistic Persp</td>
<td>3</td>
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<tr>
<td>EEX 6017</td>
<td>Typical &amp; Atypical Development</td>
<td>4</td>
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<tr>
<td>EEX 6025</td>
<td>Foundations of Special Educ</td>
<td>3</td>
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<tr>
<td>EEX 6026</td>
<td>Cur Plan Intervention Yng Child</td>
<td>4</td>
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<tr>
<td>EEX 6017</td>
<td>Assessment of Young Children</td>
<td>4</td>
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<td>EEX 6245</td>
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<td>EEX 6248</td>
<td>Instr Approaches for Excp Pops</td>
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<td>EEX 6251</td>
<td>Admin of Excep Student Prog</td>
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<td>EEX 6252</td>
<td>Adv PsychoEd Assess-Excep Stud</td>
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<td>EEX 6206</td>
<td>Medically Complex Yng Children</td>
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<td>EEX 6207</td>
<td>Cur Plan Intervention Yng Child</td>
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<td>EEX 6213</td>
<td>Assessment of Young Children</td>
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<td>EEX 6511</td>
<td>Admin of Excep Student Prog</td>
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<tr>
<td>EEX 6612</td>
<td>Mgmt &amp; Motiv Excep &amp;-Risk Stud</td>
<td>3</td>
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- **EEX 4255: Teaching students mod/sev disabil**
  - Teaching students who are earning a specialized diploma II option. Particular emphasis will be given to school to career plans, community based instruction, inclusion, and functional curriculums.
  - Prerequisites:

- **EEX 4604: Behav Mgmt Spec Need/At Risk Stud**
  - Establishing and maintaining order in the classroom, teaching children requisite social skills, helping children learn how to solve problems, teaching children self-control and dealing with behavioral crises when they arise in the classroom.
  - Prerequisites:

- **EEX 4742: History & Narr Pers Exception**
  - Designed to use literature as a way to interpret the lives of individuals with disabilities, their lives. The course also addresses cultural and ethnic diversity so as to better analyze the role of ethics and values in decisions made pertaining to individuals with disabilities.
  - Prerequisites:

- **EEX 4846: Tching Students w/Mild-Mod Dis**
  - Special instructional strategies, accommodations, and modifications needed for students with exceptionalities so they can succeed in general education settings, and achieve standard high school diplomas.
  - Prerequisites:

- **EEX 4905: Independent Study**
  - 1 to 3 credits
  - Independent Study.

- **EEX 4930: Spec Topics in Spec Ed**
  - Topics of special or current interest. The special topic will be discussed in depth based on current research and required observations in the field. The student will examine the applicability to classroom practice. just prior to the final internship semester.
  - Prerequisites:

- **EEX 4936: Senior Seminar: Special Ed**
  - Capstone course taken concurrently with the final internship.
  - Trends and issues within the field of special education are examined from the perspective of the final internship experience and an action research project.
  - Corequisites:

- **EEX 4940: Internship: Special Ed**
  - 9 credits
  - A ten-week internship, five days per week, to refine and demonstrate effective teaching practices. Students will assume the teacher role in selected schools or agencies.
  - Prerequisites:

- **EEX 4942: Integr Field Exper in Spec Ed**
  - 3 credits
  - A semester-long internship, the equivalent of two full days per week, to observe and demonstrate effective teaching practices. Students will partially assume the teacher role in selected schools or agencies.
  - Prerequisites:

- **EEX 5752: Work w/Fam: Pluralistic Persp**
  - A broad systemic view of family theory amenable to the panorama of ethnic and cultural diversity. Stresses the multi-faceted role of the special education teacher, an increased emphasis on today's pluralistic society, the need to keep abreast of the changing discipline of exceptional education, the importance of collaboration with other child-caring disciplines, and

  - the ability to identify and intervene with families and children at risk.

- **EEX 6017: Typical & Atypical Development**
  - 4 credits
  - A comprehensive presentation of child development theory, developmental sequences and stages and developmental risk factors. Foundational knowledge for developmental assessment skill.

- **EEX 6025: Foundations of Special Educ**
  - 3 credits
  - Current state of the art trends as well as issues related to the education of exceptional students are addressed. In addition to the specific exceptional student populations, including the culturally diverse attention will be directed to the issues of definitions, identification and assessment practices.

- **EEX 6026: Cur Plan Intervention Yng Child**
  - 4 credits
  - An overview of building developmentally appropriate interventions and instructional strategies built on assessment findings, family concerns and team consensus. Comprehensive address of strategies to deliver services in integrated, natural learning environments as part of typical family/child routines.

- **EEX 6207: Medically Complex Young Children**
  - 3 credits
  - Introduction to risk factors, developmental delays and syndromes including genetic, environmental and medical. Family perspectives and diversity issues are discussed.
  - Prerequisites: EEX 6017

- **EEX 6213: Assessment of Young Children**
  - 4 credits
  - Comprehensive overview of assessment models and tools utilized for young children with special needs. Emphasis on the role of the family in the assessment process and methods of identifying family concerns. Overview of linking assessment results to interventions and instructional strategies.

- **EEX 6222: Adv Psycho Ed Assess-Excep Stud**
  - 3 credits
  - Primary goals are to review and critique a variety of assessment procedures that are commonly used in special education programs and to examine the assessment process and the attendant policies and legal issues in special education. Preferred courses in Measurement and Introductory Special Ed.

- **EEX 6245: Trans Prog-Ado & Young ExepStu**
  - 3 credits
  - Designed to provide teachers of individuals with disabilities with skills to enhance opportunities for successful transitions. Specific skill areas addressed include strategy, social skill and career/vocational instruction.
  - Prerequisites:

- **EEX 6248: Instr Approaches for Excp Pops**
  - 3 credits
  - In-depth study of instructional strategies that are effective when teaching students with behavior disorders, mental retardation (developmental disabilities) and learning disabilities. Content includes techniques for curriculum adaptation, IEP development, direct, database and metacognitive strategy instruction, and technology applications.

- **EEX 6511: Admin of Excep Student Prog**
  - 3 credits
  - Procedures that local, state, and national administrators may use to implement services for exceptional students.

- **EEX 6612: Mgmt & Motiv Excep &-Risk Stud**
  - 3 credits
  - A critical look at the conceptual and research bases of disciplinary approaches commonly seen in classrooms for exceptional students, with particular attention to those systems that support the inclusion and success of students with disabilities. Understanding and dealing with challenging student behaviors, reviewing theories commonly used, critiquing intervention research, and examining teacher beliefs that underlie teacher interventions.
EGI 6936 Sem & Educ of Gifted:Spec Popu 3 credits
A critical survey of the research, issues, policy, ethics, and practices related to culturally diverse, economically disadvantaged, limited English proficient, twice exceptional, highly gifted, or very young.

EGI 6775 Interperson Interact & Sk Dev 3 credits
An understanding of methods of providing instruction in interpersonal and intrapersonal skills including personal care, self-advocacy, self-determination, workplace skills, family life skills, social skills, and adaptive life skills.
Prerequisites: EEX 6025

EEX 6906 Independent Study: Special Educ 1 to 6 credits
Independent study in which students must have a contract with an instructor.

EEX 6943 Practicum-Excep Stu Educ 3 credits
Supervised field work in exceptional student education with children (including preschool handicapped) who have learning disabilities, mental handicaps, emotional and behavioral disabilities, physical disabilities, or multiple disabilities. Can repeat up to 6 credit hours.

EGI 5051 Nature in Needs of the Gifted 3 credits
This survey course examines the characteristics and educational needs of children and youth who are gifted, including those from special populations. Emphasis is on giftedness as defined historically, nationally and locally. The course also explores changing views of intelligence and talent development.

EGI 5325 Creative Prob-Solving torChild 3 credits
Explores the concept of creativity, its factors, theories, measurement, and nurturance. A focus on formal and informal applications will include educational programs, curriculum and strategies.

EGI 6232 Adv Educ Strat for the Gifted 3 credits
Curriculum adjustments, methods and techniques, as well as classroom organizations necessary for teaching students who are gifted. Emphasis will also be on curriculum in gifted programs within the context of school reform and restructuring.

EGI 6416 ConsultCouns&Guid-GiftedStud 3 credits
Primary emphasis will be on awareness, knowledge and understanding of the unique guidance and counseling needs of students who are gifted and talented of from special populations.

EGM 3420C Engineering Mechanics 4 credits
Engineering mechanics (statics and dynamics) examines the effect of forces acting on particles and rigid bodies. Vector mechanics is used extensively. Statics addresses the topics of equilibrium in two and three dimensions, to include distributed loads, trusses, frames, friction, and cables. Dynamics addresses kinematics, including translating and rotating reference frames and coriolis acceleration and two-dimensional kinetics methods of force-acceleration, work-energy, and impulse-momentum.
Prerequisites: PHY 2048C with a minimum grade of C
Fee Required

EGN 1006 Intro to the Engineering Prof. 1 credits
Overview of academic and professional requirements in various engineering disciplines.

EGN 1006L Intro to the Engineering Prof. 1 credits
Overview of academic and professional requirements in various engineering disciplines.
Fee Required

EGN 1008C Engineering Concepts & Methods 3 credits
Overview of problem-solving strategies the design process, the engineering method, applied engineering concepts and fundamentals, and the computation tools for engineers.
Prerequisites: MAC 2311 with a minimum grade of C

EGN 2111C Engineering Computer Graphics 2 credits
Spatial visualization, descriptive geometry and design communication methodology. Computer graphics techniques used to conceive, model, analyze, simulate, and evaluate design ideas. Emphasis on state-of-the-art Computer-Aided design and geometric modeling software tools.
Prerequisites: EGN 1008C

EGN 3310 Engineering Analysis-Statics 3 credits
Provides students with the fundamental concepts of mechanics, including resultants of force systems, free-body diagrams, equilibrium of rigid bodies, and analyses of structures.
Prerequisites: PHY 2048
Corequisites: MAC 2312

EGN 3321 Dynamics 3 credits
Study of the motion of particles and rigid bodies, conservation of energy and momentum. A vector approach is utilized.
Prerequisites: EGN 3310

EGN 3331C Mechanics of Materials 3 credits
Analysis of deformable solids subjected to force systems. One, two, and three-dimensional stress and strain relationships for linear elastic solids. Statically determinate and indeterminate axial force, torsion, and bending members. Stress transformations, pressure vessels, and combined loading. Introductory aspects of column buckling.
Prerequisites: EGN 3420C with a minimum grade of C
Fee Required

EGN 3373C Circ Sens Bioengineers 3 credits
Principles of analog and digital circuit design, simulation, and analysis; principles and design of sensors, electronic devices and amplifiers for bioengineering applications.
Prerequisites: EGN 1008C with a minimum grade of C and PHY 2049C with a minimum grade of C
Fee Required

EGN 3374C Signals Syst Bioengineers 3 credits
Introduction to analysis of signals arising from both living and non-living systems. Basic processing of signals with emphasis on analog models and processes. Linear systems and an
introduction to closed-loop control. Includes Laplace and Fourier transforms and use of computers for signal and system analysis and control within bioengineering applications. Prerequisites: EME 3403C with a minimum grade of C and EGN 3373C with a minimum grade of C
Fee Required

EME 3641C Engineering Entrepreneurship 3 credits
Introduces students to engineering entrepreneurship through case studies and the process of defining an engineering service learning project. Prerequisites: EGN 1008

EMG 3833C Service Learning in Engineering 2 credits
Team-based community service activity that is based on a business plan and responds to a community need. Topics emphasize the societal context of engineering, the use of the design method and engineering analysis, team skills, project management, communications, engineering standards and liability, and components of critical thinking and self discovery. Prerequisites: EGN 3641C with a minimum grade of C

EMG 4930 Special Topics in Engineering 1 to 4 credits
This course will be developed to allow the inclusion of contemporary engineering content that will be suitable for any of the engineering degree disciplines. The course will also contain interdisciplinary content which exposes recent developments in engineering science and design.

ELD 4941 Pract. Specific Learn Disabil 2 to 4 credits
Supervised field experiences in assessment, behavior management, and clinical teaching with children who have learning disabilities. Repeatable up to a total of five credit hours. First time taken for two credits, second time taken for three credits. (SIU only) A corequisite of EEX 4604 or 4846 based is required based on level of practicum. Prerequisites:

ELD 6015 AdvTheo/Prac-Spec LearnDisab 3 credits
A review of the role of theory in the development of the field of learning disabilities. Students will be given the opportunity to study the major theories that have shaped the field and should acquire information about multicultural issues in relationship to historical perspectives, current trends and future directions.

ELD 6235 EduStrat:Stud w/Learning Disab 3 credits
Advanced educational procedures and material development for the student with specific learning disabilities.

ELD 6943 Practicum-Learning Disabil. 3 credits
Supervised experiences with students who have learning disabilities. It provides opportunities for students to demonstrate their skills in applying concepts, theories, and research when working with students with special needs. Can be repeated twice for six credit hours.

EME 2040 Intro to Computers in Educ. 3 credits
Introduction to computers and technologies, and their function in the classroom to augment the teaching and learning processes.

EME 4402 Infusing Technology in Ed 2 credits
An introduction to the use of technology in the K-12 classroom.

EME 5053 Intro to Educational Technology 3 credits
Provides an overview of media and technology in education and issues of integration of technology. Course will survey theoretical issues and trends in educational technology and impact on selection, design, utilization, and evaluation of instructional media.

EME 6207 Web Design and Development 3 credits
Website development and editing, including graphics configuration, using Macromedia's Dreamweaver/Fireworks Suite. Prerequisites: EME 5054

EME 6209 Graphics and Animation Design 3 credits
Advanced features of Macromedia's Dreamweaver and Fireworks and online animation for web pages. Prerequisites: EME 5054 and EME 6207

EME 6225 Integrating Tech: PreK-8 3 credits
Application of computing and related technology to teaching and learning. Discussion will focus on software, media, internet resources for PreK-8. Prerequisites:

EME 6403 Intro to Networking 3 credits
Covers vendor neutral industry-standard certifications for basic networking skill for communication systems incorporated into classroom computers and school networks. Course is designed to include items covered in CompTIA Network+ Certification exam and CompTIA A+ operating system exam.

EME 6405 Integrating Tech: 6-12/Adult 3 credits
Application of computing and related technology to teaching and learning process. Some discussion will focus on telecommunications, image/sound processing, interactive media, artificial intelligence, and data acquisition.

EME 6408 Adv Tech Ap:Internet Res K-12 3 credits
An exploration of teaching resources located on the Internet.

EME 6413 Adv Tech Ap:Logo/Robotics K-12 3 credits
Child-ready programming language for understanding math, language arts, science, music concepts. Lego constructed robots programmed by Logo.

EME 6425 Technology for School Leaders 3 credits
Provides information and skills necessary for administrators and teachers to effectively use the computer and application software to manage information. Students use programs such as word processors, database managers, and spreadsheets to facilitate management tasks at the school and classroom level. In addition, general computer education topics are covered which provide for the computer literacy of school administrators.

EME 6930 Intro to Programming 3 credits
Development of concepts, strategies, and materials for using programming languages in educational settings. Separate sections will focus on different programming languages such as Logo, VisualBasic, Hyperscripting, Java, and Javascript. (Computer literacy advised)

EME 6936 App. of Comp as Ed Tools 3 credits
Selected topics in the application of computing and related technology to the teaching and learning process. Separate sections will focus on topics such as telecommunications, image and sound processing, interactive media, artificial intelligence, data acquisition, and information systems. (Computer literacy advised)

EME 6938 Capstone Seminar: Ed Tech 1 to 3 credits
Candidates will design a scholarly project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the core courses of the C & I program and the student's concentration. Students may register for up to 2 additional hours in subsequent semesters. Permission of instructor required.
ENC 6745 Seminar in Composition Pedagogy 3 credits
Fundamentals of teaching composition. Covers topics such as teaching methods and culture, criticism, writing anxiety, textbook selection, gender and culture issues in the classroom, and appropriate performance expectations in the variety of writing tasks in the liberal arts and sciences.

ENC 6930 Special Topics in Exp. Writing 3 credits
Focused study of a specific type of expository writing. Course may be repeated once with a change in content.

ENG 3014 Intro to Lit & Cultural Stds 3 credits
Introduction to the English major, including learning goals and portfolio development. A review of the literary periods of English and United States literature, an introduction to literary terms and applied theory, and a review of research and writing in the field of English.

ENG 3240 Romantic Lit. & Culture 3 credits
Readings course on the literature of Great Britain as it reflected and influenced culture during the Romantic period. Readings include canonical as well as marginal and non-literary texts.

ENG 3251 Victorian Lit. & Culture 3 credits
Readings course on the literature of Great Britain as it reflected and influenced culture during the Victorian period. Readings include canonical as well as marginal and non-literary texts.

ENG 4060 History of English Language 3 credits
A study of the evolution of language from Anglo-Saxon through Middle English to Modern English, including the development of the English lexicon, the change in pronunciation, syntactic and semantic systems, and the forms which influenced them.

ENG 4906 Individual Research 1 to 4 credits
Directed study in special projects. Permission of the chair of the Division of Humanities and Arts is required.

ENG 4930 Senior Seminar 3 credits
Seminar focusing on the assessment of student learning in the English program. Prerequisites: ENG 3014

ENG 6058 Lit., Language, and Society 3 credits
Examines the function of language in social groups with special focus on the relationships among the individual, social institutions, and literature. This is the introductory course for students enrolled in the M.A. program in English.

ENG 6966 Master's Comprehensive Exam 0 credits
Written examination assessing students' progress toward achieving the English Program Student Learning Outcomes. Approval of Coordinator of Graduate Studies required.

ENG 6971 Thesis 1 to 3 credits
Supervised writing of the master's thesis.

ENL 2012 British Literature/Culture I 3 credits
Survey of the literature of Great Britain as it reflected and influenced culture from Medieval times through the late eighteenth century. Readings include both canonical and marginal texts. Prerequisites:

ENL 2022 British Literature/Culture II 3 credits
Survey of the literature of Great Britain as it reflected and influenced culture from the early romantic period through the

Coarse Information
present day. Readings include both canonical marginal texts. Prerequisites:

ENL 3210 Anglo Saxon & Medieval Lit 3 credits Readings course on the literature of Great Britain as it reflected and influenced culture in medieval times. Readings include canonical as well as marginal and non-literary texts.

ENL 3220 Renaissance Lit/Culture 3 credits An examination of the literature of Great Britain as it reflected and influenced culture during the Renaissance.

ENL 3230 Restoration & 18th Century Lit 3 credits An examination of the literature of Great Britain as it reflected and influenced culture during the Restoration and eighteenth century.

ENL 3240 Romantic Lit & Culture 3 credits Readings course on the literature of Great Britain as it reflected and influenced culture during the Romantic period. Readings include canonical as well as marginal and non-literary texts.

ENL 3251 Victorian Lit & Culture 3 credits Readings course on the literature of Great Britain as it reflected and influenced culture during the Victorian period. Readings include canonical as well as marginal and non-literary texts.

ENL 3270 20th Cent British Lit &Culture 3 credits Readings course on the literature and culture of the 20th century in Great Britain. Intense study of authors/works and their contexts.

ENL 3323 Shakespeare Survey 3 credits Introduction to Shakespeare's language, poetry, and plays within the context of Elizabethan culture. Intended for majors who have limited experience with Shakespeare.

ENL 4122 British Novels of 19th Cent 3 credits Seminar with in-depth study of the British novel from 1780 to 1900. The course focuses on the developing forms of the novel, the cultural forces at work within the novels, and the ways that the novels both reflected and influenced the culture at large.

ENL 4132 British Novels of 20th Cent 3 credits Seminar with in-depth study of the novel from 1900 to present. The course focuses on the developing forms of the novel, the cultural forces at work within the novels, and the ways that the novels both reflected and influenced the cultural at large.

ENL 4218 Medieval British Romance 3 credits Exploration of British romance from earliest times to the advent of the Renaissance, with an in-depth focus on the legends involving King Arthur and his knights of the Round Table and the complex British culture out in which these tales proliferated. Prerequisites: ENC 1101 and ENC 1102

ENL 4295 Literature of the Plague 3 credits Exploration of some of the earliest and most powerful British literature written on epidemic disease, with an in-depth examination of bubonic plague in Britain as it traveled in two forms: as a literal disease and as a metaphor.

ENL 4303 Selected British Authors 3 credits Seminar with in-depth study of two or three selected authors in British literature and culture. This course may be repeated with a change of content for up to 6 hours.

ENL 4338 Shakespeare & Eliz Culture 3 credits Seminar with in-depth study of Shakespeare's plays within the context of Elizabethan history and culture. The course focuses on major themes and issues, on close critical reading of Shakespeare's plays, and on related Elizabethan social, political, religious, and cultural contexts.

ENL 4930 Selected Topics/British Lit 3 credits Seminar with in-depth study of a particular topic or issue as it is dealt with in British literature and culture.

ENL 6305 Major British Authors 3 credits Examines the life and times of one or more British author. May be repeated once with a change in content.

ENL 6335 Studies in Shakespeare 3 credits Study of Shakespeare's works within the context of Elizabethan society and culture.

ENL 6507 British Literature before 1900 3 credits Examines British literature and criticism within a cultural context prior to the beginning of the twentieth century.

ENL 6508 British Literature after 1900 3 credits Examines British literature and criticism within a cultural context since the beginning of the twentieth century.

ENS 3385 Tching & Lrning in English 2 credits Intended for non-native English speakers with some prior instruction. The course will combine all aspects of communicating in English with special attention to practical and to using English in teaching and learning situations. Admission to Swiss Summer Institute or special permission required.

ENV 3006C Fundamentals of Enviorn Engng 3 credits Environmental engineering dimensions and units; material balances, reaction kinetics and reactors; energy and material flow in ecosystems. Water quality; water supply and treatment; wastewater treatment; solid and hazardous waste management; air quality control and noise pollution; laboratory safety. Prerequisites: EES 3204C with a minimum grade of C

EPI 0002 Inst. Strat. & Prin. of Curric 0 credits Exploration of instructional strategies appropriate for the classroom setting. Various philosophies and approaches to instruction are considered, including Gardner's multiple intelligences, Bloom's taxonomy and other modern teaching trends. Investigation of sunshine state standards, differentiated instruction.

EPI 0003 Teaching and Technology 0 credits Structured opportunities to employ technology as an integral part of teaching and learning. Instruction is provided in commonly used software, effective integration strategies, the use of internet resources in the classroom, and e-portfolio preparation.

EPI 0007 Assessing Teaching & Learning 0 credits Principles of traditional and alternative assessment. Topics include integrating assessment and instruction to support
learning, reporting assessment results and assessing student progress, content measured by state achievement tests, reading and interpreting data and using data to improve student achievement.

EPI 0020 Professional Foundations of Ed 0 credits Examination of organization and administration of public schools, public school laws, social, economic, and historical foundations of schools. This course develops a professional perspective and creates a sense of grounding in the teaching profession.

EPI 0030 Diversity in Education 0 credits Provides participants with a broad view of social aspects of diversity and the variety of backgrounds and cultures found in typical classrooms. Includes second language philosophy and ESOL methodology.

EPI 0950 Teaching Methods Practicum 0 credits Methods of instruction integrating theoretical knowledge with classroom experience, demonstrating effective teaching practices, reflective decision making, and competency in Educator Accomplished Practices.

ESE 6215 School Curriculum: Secondary 3 credits Examines the organization, curriculum, and instruction of the secondary school with special emphasis on the nature of the students served. Open to all education graduate students. Prerequisites:

ESE 6256 Prob in Curr&Instruc:Secondary 3 credits For teachers, supervisors, and administrators. Curricular and instructional problems of the middle school. Common problems of special interest to the participants. Normally, for certificated requirements only.

ESE 6342 Teaching & Learn in Sec School 3 credits Curriculum and instruction principles as applied to content course in secondary settings. Admission to the MAT program or permission of instructor required.

ESE 6344 Classroom Mgt and Organization 2 credits Development of instructional, organizational, and management knowledge and skills necessary to create a positive classroom learning environment. Admission to the MAT program or permission of instructor required.

ESE 6930 Profession Educator Symposium 1 credits A team-taught forum that serves as the vehicle through which students link theory, research, and practice. Education faculty will introduce students to an array of topics, including the Educator Accomplished Practices, and outside speakers will familiarize participants with topics of special interest. The PES may be taken more than one time as each semester will focus on a different theme.

ESE 6947 Methods Practicum: 6-12 2 credits Students spend on day per week in a ten-week supervised field experience to observe and develop effective teaching practices. Field work will be preceeded by an orientation seminar and followed by a post-field assignment seminar. Corequisites:

EUH 1000 Western Tradition, Part I 3 credits Survey of the development of Western Civilization from ancient times through the Greeks, Romans, Middle Ages and early Renaissance. Interdisciplinary approach will emphasize political, social, economic, religious, and cultural development and periods.

EUH 1001 Western Tradition, Part 2 3 credits Survey of the development of Western Civilization from the late Renaissance through the Reformation, Age of Absolutism, Enlightenment, Age of Revolutions, and regional and world wars. Interdisciplinary approach will emphasize political, social, economic, religious and cultural development and periods.

EUH 2021 Medieval European History 3 credits History of medieval Europe from c. 500-1400 A.D.

EUH 2031 Modern Euro History 3 credits Thematic survey of Europe in the modern age from the French Revolution to the present.

EUH 3142 Renaissance and Reformation 3 credits Examination of European history from the Renaissance to the Thirty Years’ War (1400-1618), emphasizing the cultural, social, political, and economic character of these times.

EUH 3202 Hist of 17th & 18th Cent Eur 3 credits Examination of the history of Europe from the Thirty Years’ War to the French Revolution. Includes political, intellectual, and economic movements, as well as discussions of the visual arts, literature, and music from the Baroque Era through the Enlightenment.

EUH 3206 History of 20th Century Europe 3 credits Comparative examination of the social, cultural, intellectual, political, and economic currents in twentieth century Europe. Includes discussions on the significance of arts and letters in the shaping of modern Europe.

EUH 3241 The Holocaust 3 credits Nazi Holocaust is placed in historical perspective, tracing the history of European anti-Semitism and analyzing the factors that let to Hitler’s victory and the “Final Solution.”

EUH 3421 The Renaissance 3 credits Examination of the multifaceted era of the Renaissance and how it resulted in one of the most brilliant and influential eras of history between the 14th and 17th centuries.

EUH 3462 German History 1870-Present 3 credits Examination of the nature and fall of late imperial society, the Russian Revolution, the roots of Marxist-Leninist society, and dissolution of the Soviet Empire. Attention will be given to the past and present role of Russia as an international power.

EUH 3502 Modern Britain 3 credits Survey of the social, cultural, economic, and political history of modern Britain since 1750.

EUH 3572 Russian Hist 1865 to Present 3 credits Examination of the nature and fall of late imperial society, the Russian Revolution, the roots of Marxist-Leninist society, and dissolution of the Soviet Empire. Attention will be given to the past and present role of Russia as an international power.

EVR 2264 Environmental Health 3 credits Provides a broad overview of environmental health within a human and ecological health context. Students become familiar with a broad range of environmental health issues.

EVR 3020 Environmental Philosop-
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVR 3021</td>
<td>Environmental Literature</td>
<td>3</td>
<td>Fictional and nonfiction written expression of the natural environment and its significance to different cultures and philosophies will be studied. Topic center on environmental thought in North American, but philosophies from other cultures, particularly indigenous peoples, will also be studied.</td>
</tr>
<tr>
<td>EVR 3025</td>
<td>Cultural Ecology</td>
<td>3</td>
<td>Relationships between human cultures and their environments with emphasis on the adaptive importance of culture and cultural development to the human species and the modification of environments by human cultures.</td>
</tr>
<tr>
<td>EVR 4028</td>
<td>Simulation and Modeling</td>
<td>3</td>
<td>Systems simulation and modeling techniques are used in this course to investigate environmental problems and issues and to develop practical solutions. Students will work in teams to develop models for selected issues. The use of models for predicting future impacts and developing policy will be discussed.</td>
</tr>
<tr>
<td>EVR 4035</td>
<td>Environmental Law</td>
<td>3</td>
<td>The evolution of environmental law at international, federal, state, and local levels will be studied in relation to the development of environmental issues, technologies, and attitudes. Florida-oriented issues will be emphasized in the course with integrated lectures and class projects.</td>
</tr>
<tr>
<td>EVR 4324</td>
<td>Integrated Ecosystems Mgmt I</td>
<td>3</td>
<td>Holistic approach to planning and management, incorporating ecological, social, and economic concepts into the examination of selected case studies.</td>
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<tr>
<td>EVR 4325</td>
<td>Integrated Ecosystems Mgmt II</td>
<td>3</td>
<td>Following on the examination of case studies in Integrated Ecosystems Management I, teams of students will work with organizations or agencies outside the university to develop, and where appropriate begin to implement, management plans for selected sites.</td>
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<tr>
<td>EVR 4326</td>
<td>Conservation Strategies Future</td>
<td>3</td>
<td>Conservation strategies enabling communities to build sustainable futures, including the maintenance of healthy and diverse natural environments, renewable natural resources, and sustainable economies. Case studies will be used to identify practical problem-solving approaches by means of integrated lectures and class projects.</td>
</tr>
<tr>
<td>EVR 4867</td>
<td>Risk Assessment</td>
<td>3</td>
<td>Techniques associated with risk assessment, including dose-response assessment, threshold responses, exposure assessment, risk characterization, and risk-benefit analysis. Case studies will be used to illustrate these techniques and students will work collaboratively to assess the risk associated with selected environmental hazards. The application of risk analysis to policy development will be discussed.</td>
</tr>
<tr>
<td>EVR 4905</td>
<td>Ind. Study in Environ. Studies</td>
<td>1-4</td>
<td>Individual study by students under the direction of a faculty member.</td>
</tr>
<tr>
<td>EVR 4910</td>
<td>Sr Proj Rsch Environ Studies</td>
<td>1-3</td>
<td>Research projects are developed by one or more students under the supervision of a faculty mentor. The research project is designed to hone skills in applying research principles, obtain practice in data collection and analysis, and to develop knowledge and skills in potential professional areas.</td>
</tr>
<tr>
<td>EVR 4911</td>
<td>SrProj Pres in Environ Studies</td>
<td>1-3</td>
<td>A continuation of the senior project, students will be expected to prepare and present a summary of their research. The presentation may be oral, written, multimedia, or in another form but accompanied by a report. Work will be completed with a faculty mentor. Prerequisites: EVR 4910 with a minimum grade of C.</td>
</tr>
<tr>
<td>EVR 4920</td>
<td>Current Topics Environ Studies</td>
<td>1</td>
<td>Special sessions exploring the current issues in Environmental Studies. Topics may vary; they are selected on the basis of what is new or currently relevant in the field.</td>
</tr>
<tr>
<td>EVR 4924</td>
<td>Environmental Education</td>
<td>3</td>
<td>Survey of historical and current philosophies and their applications in practice. Explores interpretations of what the content and processes of environmental knowledge and understanding ought to be.</td>
</tr>
<tr>
<td>EVR 4930</td>
<td>Spec Topics in Environ Studies</td>
<td>1-4</td>
<td>Topics of current or special interest to students or faculty. Topics or focus vary depending on student/faculty interest.</td>
</tr>
<tr>
<td>EVR 4940</td>
<td>Internship in Environ Studies</td>
<td>1-3</td>
<td>An internship provides the student with an opportunity to work on a project in the field or laboratory setting, with an environmental agency or education program. This work is usually completed off-campus and the student will have a qualified supervisor at the site as well as a faculty mentor who will jointly evaluate the student’s progress.</td>
</tr>
<tr>
<td>EVR 5145</td>
<td>Ecotoxicology</td>
<td>3</td>
<td>Studies of the principles of pharmacology and toxicology, toxicity testing, various types of toxicants (natural and anthropogenic), their transport and fate, risk assessment, and examination of case studies. Prerequisites: CHM 1084 or (CHM 1045C and CHM 1046C) and EVR 4605C. Fee Required</td>
</tr>
<tr>
<td>EVR 5414</td>
<td>Interpreting the Environment</td>
<td>3</td>
<td>An in-depth examination of the theory, methods, and contemporary practices in interpretation or the environment from literature review, field analysis and research investigations. Design and assessment of exhibits, trails, signage, creative drama, comprehensive programs and their staffing, management and funding. (Permission of instructor required)</td>
</tr>
<tr>
<td>EVR 5925</td>
<td>Environmental Education</td>
<td>3</td>
<td>The history, content, strategies, methods, assessment, funding, in the context of environmental education, its evolution to education for a sustainable future will be examined in the framework of local to global programs and trends.</td>
</tr>
<tr>
<td>EVR 6022</td>
<td>Environmental Rsch Methodology</td>
<td>3</td>
<td>An introduction to practice and principles of scientific methods. Includes basic observational, sampling and analytical techniques in environmental science. Topics include hypotheses testing, data collection, quality control/quality assurance, statistical analyses of data, and preparation of scientific reports.</td>
</tr>
<tr>
<td>EVR 6322</td>
<td>Con App Sustainability</td>
<td>3</td>
<td>Concepts and applications of sustainability will be discussed in the context of conserving healthy and diverse natural ecosystems and renewable natural resources, and the design of</td>
</tr>
</tbody>
</table>
sustainable economies on local, regional, national, and international levels.
Prerequisites: EVR 6022 or PCB 6064 or OCE 6934

EVR 6907 Independent Study in Environmental Science 1 to 4 credits
Individual study by graduate students under direction of a faculty mentor. The topic will be determined between the student and faculty member. Instructor permission required.

EVR 6936 Special Topics in Environmental Science 1 to 4 credits
Courses will be developed based on topics of special interest to students or faculty. Topics or focus will vary.

EVS 4008 Environmental Technologies 3 credits
Appropriate technologies to address resource issues in human societies such as energy use, water use, waste water treatment, solid waste, land use, and food production on a sustainable basis will be studied in this course along with examples of inappropriate and unsustainable technologies in integrated lectures and field exercises.

EVS 4814 Environmental Toxicology 3 credits
Ecotoxicology, natural and anthropogenic contaminants, toxicological assessments, bio-indicators, biological effects of contaminants and mechanisms of response in organisms, properties, transport, fate and effects of various contaminant groups in terrestrial and aquatic environments, risk assessment and remediation efforts.
Prerequisites: CHM 1084 or (CHM 1045 with a minimum grade of C and CHM 1045L with a minimum grade of C) or CHM 1045C with a minimum grade of C and (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C) or CHM 1046C with a minimum grade of C.
Fee Required

EVS 6920 Grad Seminar in Current Topics 1 credits
Current issues, concepts, research, and practices related to the areas of ecosystems conservation, green building/design, and sustainability will be investigated and discussed. Prerequisites: Graduate standing or permission of instructor.

EVS 6937 Environmental Policy 3 credits
An overview of major environmental and natural resource issues, emphasizing the development of public policies to address them and current controversies. Particular attention will be given to identifying and evaluating the influence of diverse political and economic interests on environmental policy development.

EVS 6941 Environmental Practicum 3 to 6 credits
An internship in the workplace for the purpose of completing his/her study of environmental principles. The course provides the opportunity for students to apply learning derived from the topics covered throughout the master's curriculum within a practice setting. Students will be placed in various work site locations and will be assigned an ergonomic project within that site. To be included in the project are problem identification, hazard analysis, and problematic corrective actions. Each student practicum will be assigned a faculty advisor.

EVS 6970 Master's Thesis 1 to 9 credits
Original research in Environmental, biological, and Marine Sciences. Project to be chosen by the student in consultation with Thesis Major Advisor, advising committee and the Dean of the College of Arts & Sciences. Prerequisites: EVR 6022.

EXP 3202 Sensation & Perception 3 credits
Psychophysical and neurophysiological data and theory underlying sensory systems and perceptual processes.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C).

EXP 4404 Psychology of Learning 3 credits
Survey of methods, empirical findings and theoretical interpretations in respondent and instrumental conditioning.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C).

EXP 4604 Human Memory and Cognition 3 credits
Survey of methods, empirical findings and theoretical interpretations of human learning, attention, memory, verbal learning, judgment, and decision making.
Prerequisites: PSY 3044 with a minimum grade of C or PSY 3017 with a minimum grade of C.

FIL 2000 Introduction to Film 3 credits
Introduction to the basic terminology, techniques, and contributions of film-making and critical analysis skills of film form and content.

FIL 3033 History of Film 3 credits
An overview of film as an art form, an industry, mass medium from its beginnings, the silent era, the sound development, the studios, the rise of the independents, and the current circumstances, including foreign films.

FIN 2104 Personal Finance 3 credits
Survey of the problems and techniques of personal financial planning. Includes consumer credit, insurance, home ownership, and personal investing with attention to current economic and legal constraints. This class also covers personal tax considerations, budgeting, retirement, and estate planning.
Note: This course is not applicable for credit towards a College of Business degree, and may not be used for Finance elective requirements.

FIN 3144 Personal Finance for Bus Majors 3 credits
An introductory course to help individuals achieve their personal financial goals. Topics include personal budgeting, taxes, credit management, major expenses, insurance, investments, and retirement planning.
Prerequisites: FIN 3403.

FIN 3244 Money & Capital Markets 3 credits
An examination of money and capital markets with primary emphasis placed on the role of interest rates within these markets.
Prerequisites: FIN 3403.

FIN 3324 Commercial Banking 3 credits
An examination of the administrative areas of commercial banking including operations, management of bank assets and liabilities, lending policies, trust and fiduciary activities, and the international and regulatory aspects of finance.
Prerequisites: FIN 3403.

FIN 3403 Business Finance 3 credits
A study of financial decision making in the corporate form of enterprise. An analysis of the sources and uses of funds. Emphasis is placed on working capital management; capital budgeting techniques; short and long term financing; and capital structure and value of the firm.
Prerequisites: ACG 2021 with a minimum grade of C and ACG 2071 with a minimum grade of C and ECO 2013 with a minimum grade of C and ECO 2023 with a minimum grade of C, and CGS 1100 with a minimum grade of C and MAC 2233 with a minimum grade of C and STA 2023 with a minimum grade of C.

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>FIN 3414</td>
<td>Financial Management</td>
<td>3</td>
<td>An examination of the financial policies of corporations, with special reference to dividend policy, financial structure, capital expenditure, acquisitions, mergers and reorganizations. No case study. Prerequisites: FIN 3403 with a minimum grade of C and QMB 3200 with a minimum grade of C</td>
</tr>
<tr>
<td>FIN 3470</td>
<td>Financial Mgt for Entrepreneur</td>
<td>3</td>
<td>Emphasizes how entrepreneurs can create value and obtain and manage financial resources. Topics may include alternative sources of capital, the impact that alternative forms of organization have on the availability of capital, the management and sources of short-term working capital, and the advantages and disadvantages of going public. Prerequisites: FIN 3403 with a minimum grade of C</td>
</tr>
<tr>
<td>FIN 3504</td>
<td>Principles of Investments</td>
<td>3</td>
<td>An introduction to investment/security analysis. Includes an examination of investment instruments, the investment environment, the concepts of risk-return, and the interactive forces between the economy, industries, and individual firms. Prerequisites: FIN 3403 with a minimum grade of C and QMB 3200 with a minimum grade of C</td>
</tr>
<tr>
<td>FIN 3604</td>
<td>Multinational Financial Mgt</td>
<td>3</td>
<td>Introduction to the environment of international capital and foreign exchange markets with examination of the effects of the international business environment on risk, capital budgeting, working capital management, and capital structure decisions of the firm. Prerequisites: FIN 3403 with a minimum grade of C</td>
</tr>
<tr>
<td>FIN 3930</td>
<td>Special Topics Seminar</td>
<td>1-4</td>
<td>Study of contemporary topics in finance and other issues of special interest. Prerequisites: FIN 3403 with a minimum grade of C</td>
</tr>
<tr>
<td>FIN 4424</td>
<td>Case Studies-Corporate Finance</td>
<td>3</td>
<td>Applications-oriented course designed to confront students with the challenges of making complex financial decisions. A variety of corporate finance topics such as working capital management, capital structure decisions, capital budgeting decisions, and dividend policy will be discussed and analyzed. Prerequisites: FIN 3414</td>
</tr>
<tr>
<td>FIN 4442</td>
<td>Financial Policy/Sr Seminar</td>
<td>3</td>
<td>A capstone course for seniors majoring in finance. Involves quantitative and qualitative analysis of financial policies from an internal managerial policy-making perspective and integrates all areas of business. Coursework may be based on independent reading and empirical research. Prerequisites: FIN 3414 with a minimum grade of C and FIN 3244 with a minimum grade of C and FIN 3504 with a minimum grade of C</td>
</tr>
<tr>
<td>FIN 4514</td>
<td>Security Analysis</td>
<td>3</td>
<td>An advanced and comprehensive coverage of investment topics including bond analysis, stock options, commodities, interest rate futures, options on futures contracts, portfolio analysis and management, and security market efficiency. Prerequisites: FIN 3504</td>
</tr>
<tr>
<td>FIN 4533</td>
<td>Derivative Securities</td>
<td>3</td>
<td>Introduction to the valuation of derivative securities and their use in risk management. Topics covered include options and futures pricing models, options and futures strategies, arbitrating, and portfolio issues. Prerequisites: FIN 3414 and FIN 3504</td>
</tr>
<tr>
<td>FIN 4900</td>
<td>Independent Study in Finance</td>
<td>1-4</td>
<td>Individual study by students under the direction of a faculty member. Topics vary and are usually selected on an individual basis. (Permission of the instructor and department required.) Prerequisites: FIN 3403</td>
</tr>
<tr>
<td>FIN 4934</td>
<td>Student Managed InvestmentFund</td>
<td>3</td>
<td>A seminar in security analysis and portfolio management. Students will experience the actual investment management process by analyzing and investing designated funds into a variety of securities. The primary purpose of the course is to give students practical experience in the selection and management of an actual securities portfolio. It is not to maximize gains within the current semester. Prerequisites: FIN 3504 Corequisites: FIN 4514</td>
</tr>
<tr>
<td>FIN 4941</td>
<td>Internship in Finance</td>
<td>3</td>
<td>Experiential learning exercise that allows for practical application of knowledge acquired in the classroom. (Department approval required) (S/U only)</td>
</tr>
<tr>
<td>FIN 5405</td>
<td>Foundation of Business Finance</td>
<td>3</td>
<td>An introduction to the terminology, methodology, and basic decision models of business finance with emphasis on working capital management, capital budgeting, capital structure, and the dividend decision. Prerequisites: ACG 6025 and ECO 5005</td>
</tr>
<tr>
<td>FIN 6246</td>
<td>Money &amp; Capital Markets</td>
<td>3</td>
<td>A survey of financial markets structures, operations, and instruments with emphasis on flow of funds, interest rate determination, and allocation of resources. Prerequisites: FIN 5405</td>
</tr>
<tr>
<td>FIN 6326</td>
<td>Commercial Banking</td>
<td>3</td>
<td>An examination of theory, practices and policies of management of commercial banks with emphasis on strategic planning and decision-making in banking. Prerequisites: FIN 5405</td>
</tr>
<tr>
<td>FIN 6406</td>
<td>Financial Management</td>
<td>3</td>
<td>Explores the process of securing and allocating funds with the business organization with emphasis on relevant financial decision-making and policy aspects. Prerequisites: FIN 5405</td>
</tr>
<tr>
<td>FIN 6478</td>
<td>Financial Mgt for Entrepreneur</td>
<td>3</td>
<td>An advanced treatment of how entrepreneurs can create value and obtain and manage financial resources. Topics covered include alternative sources of capital, how alternative forms of organization impact availability of capital, and advantages and disadvantages of going public. Prerequisites: FIN 5405</td>
</tr>
<tr>
<td>FIN 6515</td>
<td>Analysis of Investments</td>
<td>3</td>
<td>Covers the investment of objectives, environment and institutions. It deals with the theory models, and tools of analysis required in the management of financial assets. Prerequisites: FIN 5405 FIN 5405</td>
</tr>
<tr>
<td>FIN 6525</td>
<td>Portfolio Management</td>
<td>3</td>
<td>An advanced and comprehensive coverage of investments topics including both valuation analysis and portfolio construction and management for debt and equity portfolios. Coverage will include individual portfolios and mutual fund analysis. Prerequisites: FIN 6406 and FIN 6515</td>
</tr>
</tbody>
</table>
FIN 6605 Multinational Financial Mgt 3 credits
An exploration of the environment of international markets and institutions, with emphasis on implications of international business on capital budgeting, working capital management, capital procurement, and financial market theory.
Prerequisites: FIN 5405

FIN 6900 Independent Study 1 to 3 credits
Individual study and research under faculty direction. Topics vary and are usually selected on an individual basis. Detailed project and/or paper must be completed. (Permission of instructor and department required)
Prerequisites: FIN 5405

FIN 6930 Special Topics Seminar 1 to 3 credits
A comprehensive survey of selected contemporary issues and topics in finance at the graduate level. Individual investigation and reporting emphasized in seminar fashion.
Prerequisites: FIN 5405

FIN 6943 Internship in Finance 3 credits
An experiential learning exercise that allows for practical application of knowledge acquired in the classroom. (Permission of department required)

FRE 1100 Beginning French I 3 credits
First course in the first-year French sequence and introduces students to the French language and culture. Includes grammar, syntax, vocabulary building, cultural readings. Not open to native or bilingual speakers of French.
Corequisites: FRE 1100L

FRE 1100L Beginning French I Lab 1 credits
This is the lab that accompanies FRE 1100.
Corequisites: FRE 1100

FRE 1101 Beginning French II 3 credits
This is the second course in the first-year French sequence and continues to introduce students to the French language and culture. Includes grammar, syntax, vocabulary building, and cultural readings and discussions. Not open to native or bilingual speakers of French.
Prerequisites: FRE 1100

FRE 1101L Beginning French II Lab 1 credits
This is the lab that accompanies FRE 1101.

GEA 2000 Intro to Geography 3 credits
Comparative analysis of representative regions of the world with emphasis on cultural, political, economic, environmental, and physical diversity.

GEB 1011 Introduction to Business 3 credits
Introduction to the many facets of the private enterprise system and the business that operate within it. Exploration of the business arena and the professions and functions needed within any business enterprise.

GEB 3356 Foundations International Bus 3 credits
An overview of the principle aspects of conducting international business. Domestic and international business characteristics are compared. International political and legal environments and their affect on international business are studied. Topics include international trade theory, foreign exchange, export and import strategies, negotiations and diplomacy and human resource management in the global marketplace.
Prerequisites: MAN 3025

GEB 3956 Study Abroad in Business 1 to 6 credits
This course provides the opportunity to learn about business practices and cultural differences through the opportunity to visit and learn in a global location outside of the United States.
Prerequisites: MAN 3025

GEB 4890 Business Strategy 3 credits
Senior level capstone experience requiring student teams to analyze and implement solutions to complex business problems and opportunities. Students are required to incorporate knowledge acquired in all areas of their College of Business course of study in actual business situations. (Senior standing and advisor permit required)
Prerequisites: MAN 3025 and MAR 3023 and FIN 3403 Fee Required

GEB 6445 Business, Ethics, and Society 3 credits
This class delves into the issues surrounding businesses’ role within society as a whole. Students will use current ethical and societal issues to analyze, discuss, and make recommendations consistent with sound business concepts.

GEB 6895 Business Strategy 3 credits
MBA capstone experience that requires student teams to analyze and implement solutions to complex organizational problems and opportunities. Students are required to incorporate knowledge acquired in all areas of the MBA program in actual business situations and present their findings in highly professional oral and written formats. Course taken student’s final semester.
Prerequisites: ACG 6025 and ECO 5005 and FIN 5405 and MAN 6055 and MAR 6815

GEB 6930 Intro to the Executive MBA 3 credits
Introduces the concepts of critical thinking as a tool for personal and organizational success, working within teams, interpersonal skills, and the utilization of computer applications software to support organizational problem-solving. (Executive MBAs only)

GER 1100 Beginning German I 3 credits
This is the first half of a first-year introduction to the language skills in German, reading, writing, listening, comprehension, speaking, and the culture of modern Germany.
Corequisites: GER 1100L

GER 1100L Beginning German I Lab 1 credits
Lab that accompanies GER 1100. It elaborates on the topics discussed in the lecture part by stressing oral comprehension, listening, speaking, further reading, writing, and culture plus use of the Internet in German.
Corequisites: GER 1100

GER 1101 Beginning German II 3 credits
This is the second half of a first-year introduction to the language skills in German, reading, writing, listening, comprehension, speaking, and the culture of modern Germany.
Corequisites: GER 1101L

GER 1101L Beginning German II Lab 1 credits
This is the lab that accompanies GER 1101. It elaborates on the topics discussed in the lecture part by stressing oral comprehension, listening, speaking, further reading, writing, and culture plus use of the Internet in German.
Corequisites: GER 1100 and GER 1100L

GEB 4890 Business Strategy 3 credits
Senior level capstone experience requiring student teams to analyze and implement solutions to complex business problems and opportunities. Students are required to incorporate knowledge acquired in all areas of their College of Business course of study in actual business situations. (Senior standing and advisor permit required)
Prerequisites: MAN 3025 and MAR 3023 and FIN 3403 Fee Required

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Corequisites: GER 1100

GER 1101 Beginning German II 3 credits
This is the second half of a first-year introduction to the language skills in German, reading, writing, listening, comprehension, speaking, and the culture of modern Germany.
Corequisites: GER 1101L
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<tbody>
<tr>
<td>GEY 3002</td>
<td>Family Issues and Aging</td>
<td>3</td>
<td>GEY 3001</td>
<td>Interdisciplinary course focuses on issues affecting diverse older adults, families, and others who care for them. Topics include demographics, roles and responsibilities, family relationships, formal and informal caregiving, housing, financial, legal and other sociological concerns.</td>
</tr>
<tr>
<td>GEY 3045</td>
<td>Nutrition for Older Adults</td>
<td>3</td>
<td>GEY 3001</td>
<td>Nutritional requirements and physiological changes associated with aging. Social, cultural and psychological factors which affect nutritional status of the older adult and strategies for health promotion and disease prevention will be addressed.</td>
</tr>
<tr>
<td>GEY 3302</td>
<td>Communicating With Older Adults</td>
<td>3</td>
<td>GEY 3001</td>
<td>Interdisciplinary course focusing on compassionate communication with diverse older adults, including those with disabilities. Addresses principles, concepts, processes and practice of communication skills critical to interacting with older adults in various health and cultural settings.</td>
</tr>
<tr>
<td>GEY 3320</td>
<td>Programs for Older Adults</td>
<td>3</td>
<td>GEY 3001</td>
<td>Examination of federal, state and local programs and services for frail and well older adults; and an understanding of the major issues and trends involved in existing and proposed services in the field of aging.</td>
</tr>
<tr>
<td>GEY 3601</td>
<td>Aging and Human Performance</td>
<td>3</td>
<td>GEY 3001</td>
<td>Information on the physical, sensory, and cognitive changes in aging; effects of stress, medication, and nutrition on older adults; and improving the health and independence of older adults through exercise and an active lifestyle.</td>
</tr>
<tr>
<td>GEY 4643</td>
<td>Later Life Transitions</td>
<td>3</td>
<td>GEY 3001</td>
<td>Interdisciplinary course explores contemporary matters affecting diverse older adults through aging to the end of life. Issues regarding quality of life, elderly rights, loss, grief, dying, death, finances, legal, ethical, and social concerns will be addressed.</td>
</tr>
<tr>
<td>GEY 4644</td>
<td>Psychosocial Aspects of Aging</td>
<td>3</td>
<td>GEY 3001</td>
<td>A detailed overview of psychological and social factors for professionals working with the elderly in a variety of settings.</td>
</tr>
<tr>
<td>GEY 4903</td>
<td>Directed Study in Gerontology</td>
<td>1-6</td>
<td>GEY 3001</td>
<td>Supervised study of gerontology topic. Content is selected by students in conjunction with their course director. The course broadens knowledge and may include a practice experience.</td>
</tr>
<tr>
<td>GEY 4930</td>
<td>Topics in Gerontology</td>
<td>1-6</td>
<td>GEY 3601 and GEY 3320 and GEY 4644</td>
<td>Current concept, selected problem, or issue in gerontology is examined. The topic covered varies according to recent developments in gerontology. The course may be repeated for different topic areas.</td>
</tr>
<tr>
<td>GEY 4941</td>
<td>Practicum in Gerontology</td>
<td>3</td>
<td>GEY 3601 and GEY 3320 and GEY 4644</td>
<td>Under the supervision of a community gerontology preceptor the student gains practical experience and applies knowledge gained in the gerontology core.</td>
</tr>
<tr>
<td>GEY 4943</td>
<td>Intergenerational Interaction</td>
<td>3</td>
<td>GEY 3601 and GEY 3320 and GEY 4644</td>
<td>Focuses on skill development in the promotion of health, safety, and psychosocial needs of older adults. Activities promote intergenerational interactions and strategies that meet care and service needs through education, ethics and practice. (20 hours service learning)</td>
</tr>
<tr>
<td>GEY 5005</td>
<td>Orientation to Gerontology</td>
<td>3</td>
<td>GEY 3001 or GEY 3302</td>
<td>Introduces the study of aging from an interdisciplinary perspective. Emphasis is placed on the field of gerontology, the biological, physiological, psychological, social and societal contexts of aging.</td>
</tr>
<tr>
<td>GEY 5038</td>
<td>Advancing Pract in Elder Care</td>
<td>3</td>
<td>GEY 3001</td>
<td>Use of tools for self-directed learning, and application of evidence-based and occupation-centered practice with elders. Students will identify specific goals for learning and apply new knowledge to work in their current practice settings.</td>
</tr>
<tr>
<td>GEY 5255</td>
<td>Aging and Adaptation</td>
<td>3</td>
<td>GEY 3001</td>
<td>The societal, environmental and physical barriers that isolate and segregate older adults are examined. Work, education, formal and informal volunteering are analyzed from a productive aging perspective. Adaptive techniques and technology that promote successful aging are examined.</td>
</tr>
<tr>
<td>GEY 5325</td>
<td>Programs &amp; Svcs Older Adults</td>
<td>3</td>
<td>GEY 3001</td>
<td>Examines federal, state and local programs and services for frail and well older adults. The course provides an analytical base for understanding the major issues and trends involved in existing and proposed services in the field of aging. Topics include, but are not limited to, long term care, housing and Older Americans Act services.</td>
</tr>
<tr>
<td>GEY 5619</td>
<td>AAT and the Older Adult</td>
<td>3</td>
<td>GEY 3001</td>
<td>This course provides the necessary content and experiences for Delta Society Pet Partners certification. In addition, this course includes the systematic study of assessment, program design and evaluation techniques for animal assisted therapy with older adults.</td>
</tr>
<tr>
<td>GEY 5630</td>
<td>Economics of Aging</td>
<td>3</td>
<td>GEY 3001</td>
<td>Examines the basic economic systems, and their impact on the older adult. Emphasis is placed on the applied aspects of economic planning such as work, pensions, insurance, social security and other support systems that are relevant to gerontology.</td>
</tr>
<tr>
<td>GEY 5934</td>
<td>Topics in Gerontology</td>
<td>1-6</td>
<td>GEY 3001</td>
<td>A current concept, selected problem or issue pertaining to gerontology is examined. The topic varies according to recent developments in gerontology. This course may be repeated for different topic areas.</td>
</tr>
<tr>
<td>GEY 6334</td>
<td>Adv. Prac Gero TR I</td>
<td>3</td>
<td>GEY 6645</td>
<td>Practice issues for older adults living in the community. Includes home health recreation therapy and adult day health programs. The intent is to emphasize therapeutic recreation practice to benefit frail older adults in community-based settings.</td>
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<tr>
<td>Course Code</td>
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<td>Description</td>
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<tr>
<td>GEY 6613</td>
<td>The Science of Aging</td>
<td>3</td>
<td>Examines the biological, physiological, and health theories. Models of health behavior and strategies for health promotion with older adults are discussed. Emphasis is placed on the effects of stress, medications, nutrition, exercise, and other lifestyle factors on the health of older adults. Alternative therapeutic interventions are explored.</td>
<td>GY 5005</td>
</tr>
<tr>
<td>GEY 6626</td>
<td>Ethnogerontology: Diversity Age</td>
<td>3</td>
<td>Examines the causes, processes, and consequences of race, national origin and culture on individual and population aging. The effect of ethnicity on health behavior, family structure, family behavior, independence, beliefs, and values is analyzed.</td>
<td>GY 5005</td>
</tr>
<tr>
<td>GEY 6645</td>
<td>Psychosocial Aspects of Aging</td>
<td>3</td>
<td>Examines the current research on personality, intelligence, cognitive functioning, information processing, behavior in older adults. Psychosocial issues are explored with an emphasis on assessment, adjustment to change and loss, spirituality, depression, dementia, sexuality, and substance abuse.</td>
<td>GY 5005</td>
</tr>
<tr>
<td>GEY 6655</td>
<td>Assessment of Older Adults</td>
<td>3</td>
<td>Comprehensive assessment includes evaluation of the older adult in several domains, physical, mental, social, economic, functional, and environmental.</td>
<td>GY 5005</td>
</tr>
<tr>
<td>GEY 6903</td>
<td>Directed Study in Gerontology</td>
<td>1-6</td>
<td>Students enter a learning contract for supervised study of a topic in gerontology. A substantive problem or issue is identified and selected by students in conjunction with their course director.</td>
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<tr>
<td>GEY 6942</td>
<td>Gerontology Internship</td>
<td>3</td>
<td>This is a directed field experience in a gerontology program or institution under the guidance of a community gerontology preceptor. The internship experience is based on the student’s coursework and career interest.</td>
<td>GY 5325 and GY 6613 and GY 6645</td>
</tr>
<tr>
<td>GLY 1000C</td>
<td>Physical &amp; Historical Geology</td>
<td>4</td>
<td>Introduction to the materials which compose the earth, the processes that have changed those materials, and the history of change that has occurred throughout the planet’s 4.5 billion years of existence. Topics may include historical development of the sciences, formation of rocks and minerals, deformation of rocks, mountain building and ocean basin formation, surface processes and landform evolution, and geological hazards.</td>
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<tr>
<td>GLY 2701C</td>
<td>Earth’s Lithosphere</td>
<td>3</td>
<td>Many of life’s environmental concerns are a consequence of processes which occur at the interface between the atmosphere and the earth’s crust. This course considers those “surficial processes,” their effects upon crustal evolution, and the implication this has for the biosphere. Topics include: earth materials (minerals, rock, soil); processes of physical and chemical weathering; soil composition, formation, and its influence on the biosphere, geomorphology and physiography; influence of surface and subsurface water; and human-induced effects and environmental problems.</td>
<td>GY 3145C with a passing grade</td>
</tr>
<tr>
<td>GLY 3603C</td>
<td>Geobiology</td>
<td>3</td>
<td>Reviews the basic principles of paleontology and its application to problems in the geological, biological &amp; environmental sciences.</td>
<td>GY 1010C with a minimum grade of C or GY 1000C with a minimum grade of C</td>
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<tr>
<td>GLY 4074C</td>
<td>Meterology &amp; Climatology</td>
<td>3</td>
<td>Atmospheric processes of weather and climate and their effects upon marine and terrestrial systems are explored. Historical records of climate and the methods employed in their study are introduced and used to understand modeling of future climate change.</td>
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<tr>
<td>GLY 4244C</td>
<td>Biogeochemistry</td>
<td>3</td>
<td>The importance of chemical cycling of life’s most critical elements (e.g. carbon, oxygen, nitrogen, phosphorus, &amp; sulfur) among the earth’s spheres is considered in this upper division, INS course.</td>
<td>ISC 3145C</td>
</tr>
<tr>
<td>GLY 4574C</td>
<td>Sediment Dynamics</td>
<td>3</td>
<td>Covers fundamental sedimentary processes (erosion, transport and deposition) of coastal and estuarine environments and their effects on the coastal geomorphologic features.</td>
<td>GY 4702C</td>
</tr>
<tr>
<td>GLY 4700C</td>
<td>Coastal &amp; Watershed Geology</td>
<td>3</td>
<td>Considers those geological and hydrological processes that occur at the Earth’s surface. Topics include: physical and chemical weathering, soil formation, sedimentology and stratigraphy, geomorphology and physiography, surface and groundwater hydrology, and human-induced effects and environmental problems.</td>
<td>GY 1010C with a minimum grade of C or GY 1000C with a minimum grade of C</td>
</tr>
<tr>
<td>GLY 4702C</td>
<td>Coastal &amp; Watershed Geology</td>
<td>3</td>
<td>Considers those geological and hydrological processes that occur at the Earth’s surface. Topics include: physical and chemical weathering, soil formation, sedimentology and stratigraphy, geomorphology and physiography, surface and groundwater hydrology, and human-induced effects and environmental problems.</td>
<td>GY 1010C with a minimum grade of C or GY 1000C with a minimum grade of C</td>
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<tr>
<td>GLY 4952</td>
<td>Carbonate Deposition Environments</td>
<td>3</td>
<td>Summer course in San Salvador, Bahamas. Pleistocene and Holocene limestones are compared against modern tropical environments using principles from sedimentology, stratigraphy, petrography, and paleontology. Provides intensive field and laboratory experiences for geologists and environmental scientists.</td>
<td>GY 4702C with a C or better or permission of instructor is required.</td>
</tr>
<tr>
<td>GLY 5575C</td>
<td>Sediment Dynamics</td>
<td>3</td>
<td>Surveys theoretical description of fluid and sediment dynamics, fundamental sedimentary processes (erosion, transport and deposition) of coastal and estuarine environments, and their effects on the geomorphic features such as estuaries, deltas and coasts.</td>
<td>PHY 2053C with a passing grade and MAC 2311 with a passing grade and GY 4702C with a passing grade</td>
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<td>Course Code</td>
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<tr>
<td>HFT 3005</td>
<td>Intro Resort, Hosp &amp; Tour Mgt.</td>
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<td>HFT 3006</td>
<td>Mgmt Resort Hosp Human Resourc</td>
<td>3</td>
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<tr>
<td>HFT 3190</td>
<td>Graphic Design I</td>
<td>3</td>
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<tr>
<td>HFT 3193</td>
<td>Graphic Design II</td>
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<tr>
<td>HFT 3270</td>
<td>Intro to Club &amp; Spa Mgt.</td>
<td>3</td>
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<tr>
<td>HFT 3353</td>
<td>Golf Facility Oper.</td>
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<tr>
<td>HFT 3383</td>
<td>Adv. Golf Merchandising Oper.</td>
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<td>HFT 3407</td>
<td>Resort &amp; Hosp Mgmt Accounting</td>
<td>3</td>
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<td>HFT 3443</td>
<td>Hospitality Info Technology</td>
<td>3</td>
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<tr>
<td>HFT 3471</td>
<td>Event Operations/Financial Mgt.</td>
<td>3</td>
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<td>HFT 3572</td>
<td>R&amp;H Sales,ADV&amp;Public Relations</td>
<td>3</td>
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<td>HFT 3573</td>
<td>R&amp;H Marketing</td>
<td>3</td>
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<tr>
<td>HFT 3576</td>
<td>Res &amp; Hosp Mgmt Accounting</td>
<td>3</td>
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<tr>
<td>HFT 3577</td>
<td>R&amp;H Law,Legal Issues&amp;Risk Mgmt</td>
<td>3</td>
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<tr>
<td>HFT 3600</td>
<td>Intro to Hospitality/Tourism</td>
<td>3</td>
<td></td>
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<tr>
<td>HFT 3750</td>
<td>Golf for Business and Life</td>
<td>3</td>
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<tr>
<td>HFT 3850</td>
<td>Player Development</td>
<td>1</td>
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**Course Descriptions**

- **HFT 3005 Intro Resort, Hosp & Tour Mgt.** 3 credits
  
State that this course allows a non-PGM concentration student to develop an appreciation and knowledge of the skills and abilities required to play the game of golf, and to earn the value of golf to networking in the business climate. Available to all majors except the PGM concentration in RHM.

- **HFT 3006 Mgmt Resort Hosp Human Resourc** 3 credits
  
Course focuses on developing and managing hospitality human resource strategies. Pre-requisites include HFT 3005 and HFT 3572.

- **HFT 3190 Graphic Design I** 3 credits
  
This course covers fundamental concepts and practices in graphic design, including iconography, signs and symbols, basic typographic, and conceptual problem-solving in design methodologies. Prerequisites: ART 1201 with a minimum grade of C

- **HFT 3193 Graphic Design II** 3 credits
  
This course covers intermediate issues and practices in typography and production, and explores the design process through specifically applied design problems, taking students through concept refinement to final implementation. Prerequisites: HFT 2190 with a minimum grade of C

- **HFT 3270 Intro to Club & Spa Mgt.** 3 credits
  
Course focuses on development, operation and marketing of private clubs: country, yacht, military, city, professional and athletic. Clubs and Resort Spas, Amenities Spas, Destination Spas. Types of Spa treatments and the equipment needs are introduced. Revenue generation, technology, client preferences and marketing of Clubs and Spas.

- **HFT 3353 Golf Facility Oper.** 2 credits
  
Advanced study of operating a comprehensive golf facility. Non-traditional approach to training personnel in a golf operation and the marketing of a golf course. Principles of developing organizational policies and procedures as applicable to a golf course. Practical application of golf principles in the development of a "model golf shop" (best practices in golf operations) and development of analytical tools necessary in multiple golf facility management.

- **HFT 3383 Adv. Golf Merchandising Oper.** 2 credits
  
Advanced study of retail operations specifically focusing on retail golf merchandising business operation. Students apply management principles to golf retail operation including preparing "Open-to-buy" budget forecasts and "merchandise assortment plans".

- **HFT 3407 Resort & Hosp Mgmt Accounting** 3 credits
  
Course focuses on resort and hospitality accounting combining financial and managerial accounting for the industry. The focus is on how resort managers use the accounting information that is available to them to guide actions in planning, developing, and controlling their organization.

- **HFT 3443 Hospitality Info Technology** 3 credits
  
Course focuses on event operations/financial management. Focus on operations and financial knowledge required to manage all elements of events including infrastructure, site, human resources, leadership, communications and technology. Financial management will include budgeting, cost control, pricing and cash flow as well as return on investment in both profit and not-for-profit sectors.

- **HFT 3471 Event Operations/Financial Mgt** 3 credits
  
Course focuses on operations and financial knowledge required to manage all elements of events including infrastructure, site, human resources, leadership, communications and technology. Financial management will include budgeting, cost control, pricing and cash flow as well as return on investment in both profit and not-for-profit sectors.

- **HFT 3572 R&H Sales,ADV&Public Relations** 3 credits
  
Introduction to Resort and Hospitality sales, marketing and public relations.

- **HFT 3573 R&H Marketing** 3 credits
  
An analysis of marketing process as it relates to resort, club, spa, recreation and hospitality services. Explanations of target and service marketing, customer relationships, experience marketing; hospitality supply and demand, the internet’s impact; marketing research and current issues of future trends in resorts, club, spa, and tourism.

- **HFT 3576 Res & Hosp Mgmt Accounting** 3 credits
  
Course focuses on resort and hospitality accounting combining financial and managerial accounting for the industry. The focus is on how resort managers use the accounting information that is available to them to guide actions in planning, developing, and controlling their organization.

- **HFT 3600 Intro to Hospitality/Tourism** 3 credits
  
Course covers the many different segments of hospitality and tourism industry are discussed. Scope, size and industry trends are examined. Theories, examples and industry case studies are used to provide students with examples of problem solving of management. Basic industry terminology and management concepts are studied. The important role of service is stressed.

- **HFT 3850 Player Development** 1 credits
  
PBA required course on the theoretical principles associated with proper golf swing technique. Analysis of the individual student's golf game in relation to these principles, development of practice plan to overcome swing flaws, and student preparation for passing the PGA required “Playing Ability Test.”

- **HFT 3997 Internship** 3 credits (maximum of 3 credits per semester)
  
Practicum experience supervised by faculty in the hospitality and tourism industry.

- **HFT 3999 Independent Study** 3 credits (maximum of 3 credits per semester)
  
Individual research projects not available in the regular curriculum.

- **HFT 6600 Special Topics** 3 credits (maximum of 3 credits per semester)
  
Special topics in Hospitality and Tourism.

**Additional Notes**

- **GRS 1201 Introduction to Hospitality** 3 credits
  
Course provides an overview of the hospitality industry, including its history, development, and current trends. Prerequisites: None

- **GRS 2201 Principles of Hospitality Management** 3 credits
  
Course covers the basic principles of hospitality management, including organizational structure, human resources, and decision-making processes. Prerequisites: GRS 1201

- **GRS 3201 Hospitality Finance** 3 credits
  
Course covers the fundamentals of hospitality finance, including budgeting, cost control, and investment analysis. Prerequisites: GRS 2201

- **GRS 3202 Hospitality Marketing** 3 credits
  
Course covers the principles of hospitality marketing, including market analysis, product development, and promotion strategies. Prerequisites: GRS 2201

- **GRS 4201 Hospitality Human Resources** 3 credits
  
Course covers the principles of hospitality human resources, including recruitment, selection, and employee training. Prerequisites: GRS 2201

- **GRS 4202 Hospitality Operations** 3 credits
  
Course covers the principles of hospitality operations, including facility design, quality control, and service delivery. Prerequisites: GRS 2201

- **GRS 4203 Hospitality Information Technology** 3 credits
  
Course covers the principles of hospitality information technology, including IT systems and applications. Prerequisites: GRS 2201

- **GRS 4204 Hospitality Law** 3 credits
  
Course covers the legal principles of hospitality, including contract law, employment law, and food and beverage law. Prerequisites: GRS 2201

- **GRS 4205 Hospitality Ethics** 3 credits
  
Course covers the ethical principles of hospitality, including ethical decision-making, social responsibility, and sustainability. Prerequisites: GRS 2201

- **GRS 4206 Hospitality Sustainability** 3 credits
  
Course covers the principles of hospitality sustainability, including environmental, economic, and social sustainability. Prerequisites: GRS 2201

- **GRS 4207 Hospitality Entrepreneurship** 3 credits
  
Course covers the principles of hospitality entrepreneurship, including business planning, financing, and venture creation. Prerequisites: GRS 2201

- **GRS 4208 Hospitality Innovation** 3 credits
  
Course covers the principles of hospitality innovation, including design thinking, innovation management, and innovation strategy. Prerequisites: GRS 2201

- **GRS 4209 Hospitality Research** 3 credits
  
Course covers the principles of hospitality research, including research methods, data analysis, and research ethics. Prerequisites: GRS 2201
HFT 3754 Conventions and Meetings Mgt 3 credits
Focuses on the meetings and expositions industry and covers the history, current players technology, management, funding, venues, types of meetings, trade shows and conferences specific to the resort industry. A review of the business structure of conferences/conventions will provide knowledge of human resource issues, supplier challenges, markets by segment and legal issues.

HFT 3757 Principles of Event Management 3 credits
Overview of the event industry including conventions, expositions, and major national and international events and their operational requirements.
Fee Required

HFT 3802 Catering & Special Events 3 credits
Study of special events & catering operations, menu planning and pricing, food procurement, safety and sanitation, human resource management, sales and relationships with other departments, and outside vendors. Emphasis on logistical operations and different market segments.
Fee Required

HFT 3806 Mgt Food & Beverage Operations 3 credits

HFT 3930 Spec Top: Resort & Hospitality 3 credits
In depth exploration, analysis, and assessment of topics of special concern to the Resort and Hospitality Management Program.

HFT 4010 R & H Mgmt. Strateg. Issues 3 credits
Current Resort & Hospitality Management concerns and issues are examined. Problem identifications and solutions explored.

HFT 4273 Resort Timeshare Condo Vac Int 3 credits

HFT 4275 Resort Development & Mgt. 3 credits
Analysis of Management systems and methods for development of full service resorts. Considers management responsibilities for project development, construction, supervision, pre-opening, requirements and operations. Industry tested techniques for attracting travelers and meetings the expectations of resort guests.

HFT 4286 RHM Prof. Communications&Pres. 3 credits
Practical understanding of communication practices affecting Resort/Hospitality work places. Emphasis on managing work relationships, listening, organizational interviews, professional presentations, communications technologies and multi-cultural diversity. Emphasis on using technology to create written and oral presentations and reports with impact.

HFT 4295 R & HM Senior Seminar 3 credits
Integrative experiences through which students analyze and assess theories, policies and practices in the resort & hospitality industry. Leadership, productivity, ethics, and problem solving are explored.

HFT 4342 Resort & Rec. Plan, Prog & Des 3 credits
Examination of the fundamental concepts, specific principles and process of planning and designing resorts and resort recreation facilities, that fulfill vistor/guest recreation and facility expectations, and function efficiently to release profit. Methods & techniques of recreation and leisure activities programming, organization, implementation and evaluation related to resort and club operations are studied.

HFT 4380 Golf Course Ownership 3 credits
Business principles and business enterprise theory associated with golf course acquisitions, business planning for golf course investors, bank financing for golf course investors, and theories of appropriate business legal status for golf course ownership. Tax and liability issues in the golf sector, ownership vs. leasing a golf course, golf demographic research and assessing the competition in the golf course industry.
Prerequisites:

HFT 4381 Golf Exec. Mgmt 3 credits
Theory and principles behind golf association management and PGA of America section management. Project management theory in a golf operation, variance analysis systems as it relates to golf course operations, theories of “yield management,” principles of building an employment team, and analysis of golf-specific financial statements and business documents, time management strategies, strategic planning, and long-term planning.
Prerequisites: PEL 3128

HFT 4408 RHM Budgeting & Finance 3 credits
Course prepares students with a basic understanding of finances that is increasingly demanded of all manager’s in the Resort/Hospitality industry. Students sharpen their skills of budgeting and finances.
Prerequisites: HFT 3407

HFT 4791 Event Mgt Senior Project 3 credits
Students choose between participation in the planning, marketing and implementation of an actual event for a profit or not-for-profit organization within the university or greater community or a research project and paper.
Fee Required

HFT 4912 Resort & Hosp. Direct Study 3 credits
Resort & Hospitality Direct Individual Study by students under the direction of a faculty mentor. The topic will be selected based on mutual consensus between the student and the faculty mentor. Permission of instructor required.

HFT 4934 PGM Senior Seminar 3 credits
Senior seminar requiring the student to research a challenging golf industry issue and provide a solution paper and presentation on this topic.
Prerequisites:
Corequisites: PEL 4129

HFT 4944 RHM Field Experience 3 credits
Field Experience - Students gain work experience in industry. A minimum of 500 hours is required.

HFT 4945 R & H Internship 1 to 9 credits
Students have the opportunity to relate theory to practice through observation and work experience at approved/ designated industry organization. Students work for a minimum 500 hours to 1500 hours for the agency, and may elect to diversify their internships experiences with more than one organization. Students will be graded by the faculty taking into account the grade the agency representative assign the student for the internship effort and internship paper requirements.

HFT 4955 Resort& Hosp Mgmt Study Abroad 3 credits
Intensive study tour, including preparatory work, research, focusing on resort/hospitality management operations in the global market. Differences and similarities between U.S. resort/hospitality industry and foreign markets. Students will tour, meet, and shadow resort management during their study abroad.

HIS 2930 Special Topics 3 credits
Emphasizes selected historical issues or problems. Topics vary and will incorporate interdisciplinary approaches.

HIS 3064 Intro to Historical Studies 3 credits Introduces students to the skills, approaches, and theories used by historians; includes both discussion and practice of the craft of the historian.

HIS 3065 Introduction to Public History 3 credits The course explores the intellectual and career challenges of practicing applied history in the public sector. It emphasizes the various roles played by public historians, for example, writers, administrators, managers, researchers, site evaluators, and policy analysts. Students will learn that public history draws on a wide range of skills and knowledge of other disciplines. Students will be expected to complete at least one influential and stimulating project in the field of public history using local resources and institutions.

HIS 3470 History of Science &Technology 3 credits Examines the development of scientific thought and demonstrable technology and their impacts on societies, cultures, and economies. Incorporates material from numerous disciplines, including mathematics.

HIS 3930 Special Topics in History 3 credits Emphasizes selected historical issues or problems of particular interest to students. Topics vary and will incorporate interdisciplinary approaches.

HIS 3955 Study Abroad 1 to 6 credits An intensive study-travel program.

HIS 4104 Historical Epistemology 3 credits Analysis of historical schools of thought and methodologies from ancient times through the present.

HIS 4900 Directed Readings 1 to 4 credits Intensive readings in selected historical topics. Students should be prepared to read literature across disciplines and to synthesize that material into meaningful intellectual discourse for mid-term and final course examinations or exercises. Approval from the instructor is required prior to registration for this course.

HIS 4920 Colloquium in History 3 credits In-depth examinations of selected historical problems or issues.

HIS 4936 Pro-Seminar in History 3 credits Emphasis on the techniques of conducting quality research and on completing a major research paper. Topics will vary. May be repeated one time.

HIS 4940 Internship in History 1 to 6 credits Provides a supervised work experience in an area historical or cultural organization. Junior standing required.

HLP 4722 Health & PE for the Child 3 credits Methods and materials of health and physical education in the elementary classroom.

HSA 3110 Prins of Health Services Admin 3 credits Introduction to the underlying principles of health services administration. Emphasis on health policy, health planning, marketing health care services, current health problems, personal health care services, bioethical decisions, and health personnel.

HSA 3111 US Health Care Systems 3 credits An overview of health care delivery in the US including hospital, ambulatory care, medical education and workforce, financing health care, managed care, long term care, mental health services, the role of government, and technology.

HSA 3124 Comparative Hlth Srv Del Sys 3 credits Overview of the major models for provision and financing of health care used around the world.

Prerequisites:

HSA 3150 Health Care Policy in US 3 credits Overview of health care policy and policymaking in the US, including the historical perspectives, the policy formulation process, role of government, Medicaid, Medicare, policy reform, politics and consumer protection.

HSA 3184 Leadership & Super in Hlt Svcs 3 credits Leadership theories, philosophies, concepts, and applications to roles of supervisors and managers in health services organizations. Emphasis on organizational theory and the economic and financial aspects of the health care delivery systems.

Prerequisites: HSA 3117

HSA 3412 Transcultural Health Care 3 credits Explore the culture, values and belief systems of health care clients who speak different languages and come from distinct cultural backgrounds.

HSA 4109 Principles of Managed Care 3 credits An overview of the evolution of managed care, including its structure and function, payment incentives, relation to the market, physicians, public programs, public policy, and ethical issues.

HSA 4140 Program Planning & Evaluation 3 credits Basic concepts of planning and evaluation as the fundamental tools of program design and development in health services organizations.

Prerequisites: IHS 4504

HSA 4170 Financial Mgt in Health Care 3 credits Models and principles of health care financial management and their implications for decision-making. Focus on health care reimbursement policies and related accounting principles, financial principles, and tools employed to manage finance in a health service organization.

Prerequisites:

HSA 4191 Health Care Info Systems 3 credits Introduction to health care information systems. Emphasis on advances in information technology, the general applications and management of information, databases and database management systems, microcomputer, internet, and medical informatics concepts and applications.

HSA 4222 Long Term Care Administration 3 credits Overview of the administrative structure, services and regulatory requirements of long term care facilities. Focus on licensing, structural requirements, roles and duties of administrators, staffing patterns, services, resident care issues, and reimbursement. Special emphasis on organizational management and operations control, federal and state regulations, codes and statutes related to long term care in the United States, and particularly in Florida.

Prerequisites:

HSA 4223 Advanced Long Term Care Admin 3 credits Application of management principles and practices in long term care administrations.

Prerequisites: HSA 4222
HSA 4251 Food Service Management 3 credits
Basic principles of food service management in both commercial and non-commercial sectors of the food service industry. Areas of focus include general principles of food service, food production, purchasing and storage, menu planning, nutrition, and dining services.

HSA 4340 HR Mgmt in Health Servcs Orgs. 3 credits
Theories, principles and concepts related to human resources management in health services organizations. Focus on the human resource policies, procedures, functions, and outcomes that influence the effectiveness of an organization’s employees.

HSA 4502 Risk Mgmt in Health Services 3 credits
Introduction to principles of risk management in health services organizations. Focus on activities of health care practitioners to reduce losses associated with clients, employees, property, or potential organizational liability. Special emphasis on federal and state laws and regulatory agencies.
Prerequisites:

HSA 4811 Practicum I in LTC Admin 3 credits
This course is a 250 hour internship at a long term care facility under the supervision of a qualified Administrator-in-Training preceptor. This is the first half of the 500 hour internship. (Advisor approval needed.)
Prerequisites: HSA 4811

HSA 4812 Practicum II in LTC Admin 3 credits
This course is a 250 hour internship at a long term care facility under the supervision of a qualified Administrator-in-Training preceptor. This is the second half of the 500 hour internship. (Faculty/advisor approval needed.)
Prerequisites: HSA 4811

HSA 4817 Practicum in Health Serv Admin 3 credits
Under the supervision of a community health services administrator, the student gains practical experience and applies knowledge gained in health services administration. Special Conditions: Admission to the B.S. program in Health Science and completion of all prerequisite courses or consent of the Department Chair.
Prerequisites:

HSA 4901 Dir Study in Hlth Serv Admin 1 to 6 credits
Supervised study of a health services administration topic. Content is selected by students in conjunction with their course director. The course broadens knowledge and may include a practice experience. Prerequisites may be required depending on the directed study. Consent of the Department Chair is required.

HSA 4931 Topics in Health Servcs Admin 1 to 6 credits
Current concept, selected problem, or issue in health services administration. Topics vary according to recent developments in health services administration. May be repeated for different topic areas. Prerequisites may be required depending on the directed study. Consent of the Department Chair is required.

HSA 5013 US Models-Health Care Practice 3 credits
This course examines various models of health care practice in the United States, including services in home health care, acute care, hospice, private and non-traditional holistic health care practices. Issues related to scope and method of practice in a dynamic health care environment are addressed. Special Conditions: Admission to the College of Health Professions MS in Health Science program and completion of prerequisite courses: or consent of the Department Chair.
Prerequisites: IHS 5117

HSA 5112 Comp. Hlth Svcs. Delivery Syst. 3 credits
Introduces and contrasts the organization and structure of health care delivery in the United States and other countries. Special emphasis is placed on the different models of health care systems from selected countries, representing various social, national, and fee-based health care systems. The conceptual framework of the systems are analyzed and issues such as access, quality, reasonable cost, and rationing are discussed. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites:

HSA 5115 Health Svcs Mgmt & Operations 3 credits
Introduces the student to the study of management and leadership, and the concepts, models, and research findings associated with organizational theory and its applicability to the health service organization. The course focuses on the skills and techniques the health care leader will use to strategically plan and organize the health care organization. The course provides an approach for assessing, mobilizing, and motivating a health care organization’s workforce. The content includes management styles, leadership issues, organizational behavior, motivation, communications, public speaking, planning, decision-making, team building, and inter- and intra-organizational relationships. The course focuses on ethical considerations, quality control, risk management, labor relations, and organizational change on health service management and operations. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the department chair.
Prerequisites:

HSA 5126 Concepts/Princ of Managed Care 3 credits
Introduces the student to the principles, structure and operations of managed care. The aspects of managed care contracting and the organization and delivery of health care services under this type of system are organized and delivered. Students gain skills necessary to interpret and negotiate a managed care contract and its complex provisions. Issues concerning consumer behavior, rationing, access, cost containment, regulation, competition, ethics regarding managed care and the implications of government sponsored programs including Medicare and Medicaid are also addressed. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the department chair.
Prerequisites:

HSA 5225 Long Term Care Administration 3 credits
Introduces and contrasts the organization and structure of health care delivery in the United States and other countries. Special emphasis is placed on the different models of health care systems from selected countries, representing various social, national, and fee-based health care systems. The conceptual framework of the systems are analyzed and issues such as access, quality, reasonable cost, and rationing are discussed. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites: IHS 5117

HSA 5226 Concepts/Princ of Managed Care 3 credits
Introduces the student to the principles, structure and operations of managed care. The aspects of managed care contracting and the organization and delivery of health care services under this type of system are organized and delivered. Students gain skills necessary to interpret and negotiate a managed care contract and its complex provisions. Issues concerning consumer behavior, rationing, access, cost containment, regulation, competition, ethics regarding managed care and the implications of government sponsored programs including Medicare and Medicaid are also addressed. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the department chair.
Prerequisites:

HSA 5227 Long Term Care Administration 3 credits
Introduces and contrasts the organization and structure of health care delivery in the United States and other countries. Special emphasis is placed on the different models of health care systems from selected countries, representing various social, national, and fee-based health care systems. The conceptual framework of the systems are analyzed and issues such as access, quality, reasonable cost, and rationing are discussed. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites: IHS 5117
processes used by health care managers. The student develops and applies strategies for management and marketing of health care services. Course topics include fundamentals of marketing strategies including pricing, promotion, distribution, and product/service mix, organizational planning, creation of business plans, and feasibility analysis for strategic planning in health care organizations. Special emphasis is placed on incorporating the concepts of strategic planning models and marketing methodologies as they apply to patients, physicians, and managed care buyers as separate markets for health care services. Special conditions: Admission to the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of department chair.

Prerequisites: HSA 5115

HSA 6155 Health Pol & Econ Issues in HSO 3 credits Focuses on the principles of health economics essential to understanding current trends in the health care field and the development and implementation of health policy. Principles of microeconomic theory, including supply and demand for health care and how it applies to health service delivery are addressed. The relationship between economics and health policy formulation, implementation, and modification and its relationship to payment plans including health insurance are explored. Emphasis throughout the course is on applying economics to understand the current health care system and the development and impact of health policy in the United States. Case studies and group projects are integrated to reinforce the concepts and theories presented. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.

Prerequisites:

HSA 6179 Models of Fin Mgmt-Health Svcs 3 credits Introduces the student to the fundamentals of financial management and managerial accounting necessary for successful management decision making in health care institutions. Financial management models including managed care, health maintenance organizations, individual choice payment plans including fee for service, Medicare and Medicaid are examined. The principles and application of billing, including use of diagnostic codes is also emphasized. Additional topics include financial accounting and reporting, program auditing, budgeting, analyzing financial statements, utilization review, cost measurement analysis, pricing of health services, and capital investments as related to models of financial management. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.

Prerequisites:

HSA 6198 Inform & Hlth Mgmt Info System 3 credits The course integrates the study of information systems science and technology and applies it to the health services administrator. Emphasis is placed on the management of information systems and the application of information technology in health service administration, databases, database management systems, computerized models for clinical and administrative decision-making, and operations in health service organizations. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.

Prerequisites: HSA 5115

HSA 6342 Human Res Mgmt for HC Mgrs 3 credits Principles and concepts related to human resource management in health services organizations, with an emphasis on application of knowledge and skills for health care managers.

HSA 6385 Planning, Eval & Quality Mgmt 3 credits An overview of the tools and techniques of planning, evaluation and quality management in health services organizations with a focus on applied decision-making tools for managers.

Prerequisites: HSA 5115 and IHS 5508 and IHS 6500

HSA 6520 Managerial Epidemiology 3 credits Use epidemiological tools to inform management decisions in health services organizations.

Prerequisites: IHS 5508

HSA 6905 Dir Study-Health Services Admin 1 to 6 credits Students enter a learning contract of supervised study of a topic in health services administration. A substantive problem or issue is identified and selected by the student in conjunction with their course director. The course broadens expertise in health services administration. Prerequisites may be required depending on the directed study. Consent of the Department Chair is required.

HSA 6930 Topics in Health Services Admin 1 to 6 credits A current concept, selected problem or issue pertaining to health services administration is examined. The topic covered varies according to recent developments in health services administration. The course may be repeated for different topical areas. Prerequisites may be required depending on the topic. Consent of the Department Chair is required.

HSA 6933 Entrep in Health Serv Admin 3 credits The course focuses on the principles and application of traditional and non-traditional techniques of planning, implementing, and managing a new health service organization; the fundamentals of organizational management, and market analysis. Emphasis is placed on conducting market analysis and relating the data to the organization, community, and region. Special focus is placed on understanding the policy and economic challenges that face the president/owner of a new health service organization. Testimonials from entrepreneurs and simulations are integrated within the course to allow students to develop entrepreneurial skills. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite course; or consent of the Department Chair.

Prerequisites:

HSA 6942 Health Serv Admin Internship 3 credits This is a directed field experience in a health service organization under the guidance of a community health services administration preceptor. The student gains internship experience in an assigned agency selected by the student and faculty advisor based on the student's background and career interest. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.

Prerequisites: IHS 6112 and IHS 6500

HSC 2106 Choosing Wellness 3 credits Survey of topics in health and wellness of concern and interest for university students. Offers guidelines for self-directed responsible living. Emphasis placed on practical application of health concepts to university students personal, community, vocational, and leadership roles.

HSC 2577 Nutri Human Health & Wellness 3 credits Principles of human nutrition and the relatedness of nutrition, health, disease and wellness. Emphasis on dietary goals, food pyramid and recommended allowances; psychosocial influences and perceptions related to diverse populations; nutrition, nutritional risk factors and related diseases.
HSC 3032 Intro to Health Prof Practice 4 credits
Introduction to principles of health professions practices, and roles of health care professionals. Emphasis on models of care including case management, total quality management (TQM), continued quality assessment (CQI), clinical outcomes assessment, and basic clinical skills.

HSC 3131 Health Counseling 3 credits
This course emphasizes developing health counseling skills with attention to personal self-understanding and application to individuals and groups across the lifespan for promoting health wellness. A psycho-educational approach to counseling will be utilized.
Prerequisites: HSC 3201 and HSC 3582

HSC 3201 Healthy Communities 3 credits
Factors that impact the health of the global and local community using World Health Organization concepts and Healthy People 2010 health indicators. Roles of community services that promote healthy lifestyles and environments are pursued.

HSC 3208 Foundations of Health Ed 3 credits
Health education as a process and profession for promoting healthy individuals, groups, and communities. Seven areas of responsibility of health education are outlined for application in subsequent courses and preparation for the profession's certification examination.

HSC 3231 Client Ed in Health Care 3 credits
Methods for training and educating health care professionals and clients. Emphasis on a working relationship with the community and health care service organizations to develop educational programs related to health, wellness, disease, disease prevention, and quality of life as defined by organization of community needs, culture, and strategic planning.
Prerequisites: HSC 3243

HSC 3243 Teach & Learn in Health Profs 3 credits
Styles of learning and teaching strategies and their application to individualized, small, and large group instruction, structured classroom teaching, presentations, and practitioner training. Evaluation and analysis of each learning method and teaching strategy are utilized by students to determine effective selection for implementation in training and educating clients.

HSC 3531 Medical Terminology 3 credits
A study of the language of medicine including Greek and Latin roots, suffixes and prefixes, word construction, and word application.

HSC 3582 Occupation and Participation 3 credits
Introduction of everyday occupations of people in a community and the influence of active participation in meaningful activities of one’s health. Occupational interests and activities of individuals and groups are studied across the lifespan.
Fee Required

HSC 3601 Behavioral Health, Life Skills 3 credits
Applications in community outreach and provider training for the delivery of culturally-sensitive health and wellness services. The continuum of psychosocial factors of individuals, groups, and communities will be addressed.
Prerequisites: HSC 3582

HSC 3720 Health Persp & Assessment 3 credits
Holistic approach to various health perspectives, assessment principles and methods.

HSC 4007 Accred for HP Educators 3 credits
Accreditation guidelines for health professions practice facilities and education programs, the different types of accreditation agencies, and the process of self-assessment in accreditation. Introduction to legislation and other forces which impact and influence certification, licensure, and accreditation standards and guidelines.
Prerequisites: HSC 4250

HSC 4241 Needs Assmt & Program Plan 3 credits
Utilizing community partnerships, students develop skills for conducting needs assessment, planning health and wellness programs, and selecting outcome measures to determine their effectiveness.
Prerequisites: HSC 3201 with a minimum grade of C

HSC 4250 Task Analys & Curr Dev in H P 3 credits
Task analysis techniques as they apply to the classroom and practice settings, and a broad overview of theoretical approaches to curriculum and program development.
Prerequisites: HSC 3243

HSC 4265 Cont Educ for the Health Profs 3 credits
Theories and principles of adult education and the applications to health professions continuing education and professional development are examined. Emphasis is also placed on the history, philosophy, process and requirements for obtaining continuing education and continuing education credits (CEUs) in various health professions. Students and student teams participate in projects that involve development of a continuing education program thereby enhancing their understanding of materials presented. Special Conditions: Admission to a program in the College of Health Professions completion of the prerequisite courses or consent of the Department Chair.
Prerequisites:

HSC 4500 Epidemiology 3 credits
Epidemiology principles, concepts, and applications to health professions practice and health policy. Epidemiological studies, research methods, and distribution studies and determinants of health, disease, injuries, environmental relationships to diseases, and methods of evaluating patterns of disease determinants are examined.
Prerequisites: IHS 4504

HSC 4551 Disease and Impairment 3 credits
Overview of disease processes, interventions, and impairments. Implications of disease or acute and chronic conditions on the individual's participation in everyday activity.

HSC 4703 Community Developmt, Empowermt 3 credits
Practice in developing culturally-sensitive resources including exploration of funding options to meet identified community health and wellness needs. Empowerment of community groups through advocacy to impact health policy.
Prerequisites: HSC 3201 with a minimum grade of C

HSC 4729 Statistical Meth for Hlth Care 3 credits
Introduction to statistical techniques and their applications to the analysis and evaluation of health services delivery. Basic descriptive and inferential statistics and application of statistical methods and techniques to health services.

HSC 4736 Health Profs Pract Correlation 2 credits
Application of theories and models of health professions. Students select a case or problem in consultation with the course director, interpret and relate to the problem, and develop and recommend solutions.
Prerequisites: HSC 3720 and IHS 4504
HSC 4818 Practicum in Health Prof Educ 3 credits
Under the supervision of a community health profession the student gains practical experience and applies knowledge gained in the health professions education core.
Prerequisites: HSC 3231

HSC 4819 Practicum in Health Prof Prac 3 credits
Under the supervision of a community practitioner preceptor, the student gains practical experience and applies knowledge gained in the health professions practice core. Selected projects are jointly decided by the faculty, preceptor, and student.
Special Conditions: Admission to the B.S. in Health Science program in the College of Health Profession and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites: HSC 4736 and HSC 4906

HSC 4905 Dir Study: Hlth Prof Education 1 to 6 credits
Supervised study of a topic in health professions education. Content is selected by students in conjunction with their course director.

HSC 4906 Dir Stud: Health Prof Prac I 1 to 3 credits
Supervised study of practice topics in the health professions. Content is selected by students in conjunction with their course director, and is usually specific to the student's practice discipline.
Prerequisites:

HSC 4907 Dir Stud: Health Prof Prac II 3 credits
Supervised study of practice and/or practice topics in the health professions. Content is selected by students in conjunction with their course director, and is usually specific to the students' practice discipline. This course broadens practice expertise. Special Conditions: Admission to the B.S. in Health Program and consent of the Department chair. Prerequisites may be required depending on the directed study.

HSC 4910 Capstone in CHS 3 credits
Variable field experience for applying community health and/or health education concepts and skills learned to a specific community setting.
Prerequisites: HSC 4241 with a minimum grade of C and HSC 4703 with a minimum grade of C or HSC 3243 with a minimum grade of C and IHS 3101 with a minimum grade of C and IHS 3203 with a minimum grade of C and IHS 4504 with a minimum grade of C and IHS 4938 with a minimum grade of C.

HSC 4932 Topics in Health Prof Educ 1 to 6 credits
Current concept, selected problem, or issue in health professions education is examined. The topic covered varies according to recent developments in health professions education. The course may be repeated for different topic areas. Prerequisites may be required depending on the topic. Consent of the Department Chair is required.

HSC 5009 Accred in the Health Prof 3 credits
The structure, function, and role of accreditation agencies for academic and health services institutions in the health professions are examined. Emphasis is placed on the examination of the accreditation process and mechanisms that allow institutions to be in compliance with accreditation standards and guidelines. Federal, state, and local legislation and regulations, and their relationship to accreditation and approval are addressed. Students participate in simulated accreditation projects including writing components of a self-study document, reviewing self-study documents, performing an accreditation site visit, and participating in an accreditation agency review process. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites:

HSC 5260 Teaching Meth for Health Pros 3 credits
Presents the different learning methodologies and teaching strategies utilized in health professions education programs. Particular emphasis is placed on coordination and integration of the practice and didactic education components, learning-centered, technology-assisted and competency-based models of instruction. Students work independently to research a teaching strategy and to apply that strategy through development and/or presentation of a unit of instruction.

HSC 5268 H.P. Faculty Roles & Responsib 3 credits
Outlines the different roles of faculty involved in providing health professions education at academic institutions and practice sites. The educational and experiential qualifications, special skills, responsibilities, and duties of health professions faculty are examined.
Prerequisites:

HSC 5269 Cont Educ for the Health Pros 3 credits
Focuses on the development of continuing education and professional development programs. Various theories of adult education and curriculum; and acquisition of continuing education credits (CEUs) from professional agencies and/or academic institutions are emphasized. Selections of continuing education topics, program development, and marketing strategies for continuing education programs are addressed. Students participate in the development of a continuing education project within a selected health professions discipline.
Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites: HSC 6258

HSC 6236 Client Education in the HP 3 credits
Application of instructional design principles for training and educating clients in the health care setting.
Prerequisites: HSC 6715

HSC 6258 Curric Devel-Health Prof Educ 3 credits
Serves as a comprehensive study of the philosophies, principles, and practices utilized in the development and implementation of health professions education curricula. Current research on learning theory and curriculum development is stressed. Emphasis is placed on mechanisms utilized to integrate the didactic and practice education components of health professions education programs. Students are required to independently develop a curriculum specific to their discipline or elaborate on a select component of the curriculum as a term project. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites: HSC 5260

HSC 6715 Ed Measrmnt & Eval in Hlth Prof 3 credits
Presents the different methods of measurement, evaluation, and assessment of practice and didactic competencies as they relate to the cognitive, psychomotor, and affective domains. Students develop, validate, and apply assessment objectives in both the practice and didactic setting. Identification of various evaluative instruments and the rationale for selection is explored. Students interpret and evaluate standardized tests with regard to validity and reliability and relate this knowledge to their own test-making abilities. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
HSC 6856 Adv Pediatric Practicum 3 credits
Each student registered for this practicum designs, with instructor approval, a clinical learning experience. Learning goals for the practicum are student identified, address a professional need, and reflect a semester long commitment. Each individually designed clinical learning experience must be consistent with the goals and mission of the student’s supporting work site. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites: IHS 5600 or IHS 5605 or IHS 6606 or IHS 6607

HSC 6905 Directed Study in Hlth Prof Ed 1 to 6 credits
Students enter a learning contract for supervised study of a topic in health professions education. A substantive problem or issue is identified and selected by students in conjunction with their course director. The course broadens expertise in health professions education. Prerequisites may be required depending on the directed study. Consent of the Department Chair is required.
Prerequisites:

HSC 6911 Health Profs. Capstone Project 2 to 6 credits
The capstone project is an applied experience that integrates the principles, theories and concepts of the student’s career concentration with problems or issues existing in the health field.
Prerequisites: IHS 6112 and IHS 6500

HSC 6912 Grant Writing-Health Profession 3 credits
Provides students with a conceptual framework and mechanics for grant writing. Emphasis is placed on sources of grants for health professions and practice, critical analysis and evaluation of the literature, technical and scientific writing. Minor emphasis is placed on the comparison of grant writing with writing journal articles, reports, presentations and manuals. Students are expected to write a grant proposal for a simulated or actual grant. Completion of prerequisite courses required or consent of the department chair.
Prerequisites: IHS 6112 and IHS 6500

HSC 6935 Topics: Health Prof Education 1 to 6 credits
A current concept, selected problem, or issue pertaining to health professions education is examined. The topic covered varies according to recent developments in health professions education practice. The course may be repeated for different topical areas. Prerequisites may be required depending on the topic. Consent of the Department Chair is required.
Prerequisites:

HSC 6943 Health Prof Educ Internship 3 credits
This is a directed field experience in a health professions education program or institution under the guidance of a community health professions education preceptor. The student gains internship experience in an assigned agency selected by the student and faculty advisor based on the student’s coursework and career interest. Special Conditions: Admission into the College of Health Professions MS in Health Science program and completion of prerequisite courses; or consent of the Department Chair.
Prerequisites: IHS 6112 and IHS 6500 and HSC 6715

HSC 6975 Health Professions Thesis 1 to 6 credits
The thesis experience is based on student consultations with a faculty advisor to focus on a health professions research endeavor related to the student’s career concentration. The student evaluates and synthesizes materials learned throughout the program to conduct a sophisticated research project including a review of the literature, research design, data analysis, formulation of conclusions, and a written thesis. This course is recommended for students who desire to pursue a doctoral degree or a research-oriented career. This course may be taken in increments of a minimum of two credits in a given semester with a minimum of six credits necessary for completion of thesis requirements. Students must be registered for credits in the course in the semester in which the thesis is defended. Special Conditions: Admission into the College of Health Professions MS in Health Science program, completion of prerequisite courses and completion of career concentration core; or consent of the Department Chair.
Prerequisites: IHS 6112 and IHS 6500

HUM 2510 Underst Visual & Perform Arts 3 credits
This survey provides students with an understanding of and exposure to both the visual and performing arts. Basic components of this course will be an introduction to theory and structure of a variety of art forms combined with visits to theaters, music productions, and art galleries. Emphasis will be on personal and critical responses to these experiences.
Prerequisites: ENC 1101 with a minimum grade of C

HUM 2930 Intro to Humanities 3 credits
Using the methods of the Humanities, the course explores three to four stories, themes, figures, etc. through interdisciplinary analyses of texts and artifacts.

HUS 1001 Introduction to Human Services 3 credits
Exploration of the field of human services including health, mental health and retardation, public administration, education, social welfare, recreation, criminal justice, youth services, and rehabilitation. Emphasis is placed on the variety of expectations and perceptions of consumers of human services. Basic helping and communication skills will be developed by the students.

HUS 2110 Basic Counseling Skills 3 credits
Emphasis is placed on the encouragement of personal growth and the development of fundamental interpersonal helping skills, as well as the promotion of knowledge of styles of helping fostered in a variety of human service settings.

HUS 3020 Human Growth & Development 3 credits
The nature of social systems perspective for analyzing the impact of family, culture, societal institutions and ethnicity on individual growth and development. Focus on major theories of human growth and development across the life span, interdependence of social functioning, and the impact of such factors as race/ethnicity, minority status, developmental disabilities, sexual orientation, socio-economic status.

HUS 3201 Interventions w/Gps &Commun 3 credits
The structure and function of groups in society. Focus on the community and its formal, informal helping networks, and applications in human service organizations and client interventions. Topics may include group processes and team functioning, treatment groups and problem solving, task groups and communication systems.
Prerequisites: HUS 1001 with a passing grade and HUS 2110 with a passing grade and HUS 3601 with a passing grade

HUS 3304 Intervention w/Indiv &Families 3 credits
Introduction to practice knowledge and skills necessary for beginning human services practice. Focus on pluralistic, eclectic frameworks for planned orderly change processes...
with individual and family client systems. Topics may include self-awareness, personal values, observation skills, basic assessment skills, relationship development skills, communication skills, interviewing skills.

HUS 3410 Case Mgmt Prob Solving-HumServ 3 credits
Approaches used by the human services professional to meet the service needs of the client. Case management with children and families, elderly, chronically mentally ill, developmentally and physically disabled, and those in health care settings.
Prerequisites: HUS 1001 with a passing grade and HUS 2110 with a passing grade

HUS 3601 Human Services Delivery System 3 credits
Systems servicing health and welfare needs at the local, state, and national levels. Focus on institutional origins of human services systems types of systems, and similarities and differences among fields of practice.
Prerequisites: HUS 1001 with a passing grade and HUS 2110 with a passing grade

HUS 3720 Evaluative Rsrch in Human Svcs 3 credits
Experimental and quasi-experimental research and program evaluation tools. Emphasis on gathering data; operationalizing research and evaluative hypotheses, and analyzing, interpreting, and critiquing evaluative research produced by other human services professionals. Introduction of basic statistical applications and the use of program software in generating statistics.

HUS 4500 Ethics in Human Services 3 credits
Ethical issues encountered by human services professionals and ethical theory within the context of administrative discretion, vary.

HUS 4508 Substance Abuse & the Family 3 credits
Definition and scope of substance abuse as a social and family problem. The impact of substance abuse on family relationships. Substance abuse education in families. Approaches to support for families of persons with substance abuse problems. Treatment and intervention strategies for families of substance abusers.

HUS 4525 Issues in Mental Health 3 credits
Current issues and topics in mental health of concern to Human Services providers in Southwest Florida.

HUS 4539 Elder Abuse & Neglect 3 credits
Elder abuse and neglect within the society. Emphasis on differentiation among the various forms of elder abuse (emotional, physical, financial and institutional) and how elder abuse differs from neglect. Contextualization of elder abuse and neglect within the larger family violence literature with approaches for prevention and intervention.

HUS 4554 Int’l & Multicultural Programs 3 credits
Comparative study of international and multicultural human services programs. Usually requires a foreign study tour at student expense.

HUS 4560 Social Problems & Policy 3 credits
Survey the political and administrative context in which public policies are developed, implemented, and evaluated. Emphasis on program funding and financial reporting requirements and the policy cycle. Topics may include long term care, gerontology, mental health, substance abuse, homelessness, child and family programs, migration/immigration, and juvenile crime and criminology.

HUS 4604 Issues in Health Services 3 credits
Current issues and topics in health services of concern to Human Services providers in Southwest Florida Socioeconomic factors in health and access to health care. Exact content will vary with contemporary conditions and faculty expertise.

HUS 4683 Substance Abuse Treat&Resource 3 credits
Survey of contemporary treatments available to substance abusers. Examination of multidisciplinary approaches to substance abuse treatment. Compare available treatment facilities with model programs. Review educational materials and resources for use with substance abusers.

HUS 4850 Experience in Human Services 3 to 9 credits
Supervised field internship required of all Human Services majors. Placement is made by the Field Coordinator. Five hundred contact hours are required over one or two semesters. Departmental approval required.
Prerequisites: HUS 3020 and HUS 3201 and HUS 3304 and HUS 3410 and HUS 3601 and HUS 4500
Corequisites: HUS 4831

HUS 4901 Directed Study in Human Svcs 1 to 3 credits
Individualized instruction to meet the needs for study in areas of a particular area of interest.

HUS 4931 Human Svcs Integrat Senior Sem 3 credits
The capstone course in the Human Services Program. Classroom and field learning are integrated. Students prepare to enter the professional field of practice.
Prerequisites: HUS 3410 with a passing grade and HUS 3304 with a passing grade
Corequisites: HUS 4850

HUS 4932 Issues in Aging 3 credits
Current issues in aging of interest to Human Services providers in Southwest Florida are examined. This includes policy, practice, service delivery, and community needs. Exact content varies with current conditions.

HUS 4935 Issues in Families 3 credits
Current issues in families of interest to Human Services providers in Southwest Florida are examined. This includes policy, practice, service delivery, and community needs. Exact content varies with current conditions. May include alternative family groups, cultural variations, dispersed families, and others.

HUS 4937 Issues in Vulnerable Pop 1 to 3 credits
Current issues in vulnerable populations of interest to Human Services providers in Southwest Florida are examined. This includes policy, practice, service delivery, and community needs. Exact content varies with current conditions and faculty expertise.

HUS 4940 Human Services Field Seminar 1 to 3 credits
This seminar is taken concurrently with Experience in Human Services, which is an individually tailored field experience. The seminar integrates classroom theory and practicum experiences. All basic human services generalist knowledge is integrated and skill development is reinforced from field practice.
Prerequisites: HUS 3410 with a passing grade and HUS 3304 with a passing grade

IDH 1001 Honors Seminar I 3 credits
This is the first of a series of courses required of all students
in the honors program. In the Honors Seminar I, students will explore issues important in self-discovery and understanding, as well as the student’s role in the educational process. Topics include styles and ways of learning, basics of computer use (which will include building a web page for the honors program), methods of inquiry, logic and writing a persuasive argument, building a life philosophy career exploration, and dealing with stress and perfectionism. Prerequisite: Admissions into the Honors Program.

IDs 1930 Honors Readings 1 credits
Each semester, we will discuss 3 books. Groups comprised of no more than 4 students per faculty will meet at a mutually acceptable time. The three books will have a common theme and the theme will lend itself to an interdisciplinary approach. Ideally, the books will be a mix of fiction and nonfiction. In these small groups, the students will have the chance to freely express their thoughts. They will also have the opportunity to develop a close association with dedicated faculty members, which is one of the foundations of our Honors Program. At the end of the semester, we hope to get the students and faculty together with one of the authors of the books for a discussion of the ideas and themes discussed over the semester. To take the course, students must be in the University Honors Program, or must have a cumulative GPA of at least 3.5, or by permission of the instructor.

IDs 1902 Honors Connections 2 credits
Explores the role of the active relationship of the self to content, context, and to other people. Students are encouraged to explore the diverse and connected knowledge of how we get to be who, what, and where we are as humans. Students are asked to see the connections among the ideas they encountered in the general education course they took and to see how this work lays the foundation for the continuation of their intellectual journey. Prerequisites: IDS 1301L or IDH 1001

IDH 4945 Honors in Washington 3 to 6 credits
Honors in Washington provides academic credit for student internship experiences arranged through the Washington Center, in Washington, D.C. Students develop a portfolio of their internship experience. The composition of the portfolio and the criteria for grading it are determined by FGCU faculty. FGCU faculty also grade the portfolio. Second semester sophomore standing required to participate in program.

IDS 1301L Styles & Ways of Learning 1 credits
Introduction to the interdisciplinary and multidisciplinary nature of the curriculum in the General Education program at Florida Gulf Coast University. A mechanism for establishing a shared understanding of the mission of the university and the intention of and approaches to the curriculum. Provides students with training in the basic skills necessary to perform well in the university setting (e.g., time management, intergroup skills, facilitative and interactive learning, effective utilization of technology). Required of all entering freshmen. The students will gain insight into various learning styles and ways of knowing and will have the opportunity to identify and learn more about their respective learning styles in their first semester at Florida Gulf Coast University. Fee Required

IDS 2110 Connections 2 credits
Capstone interdisciplinary experience for general education. Summarizes major points in the bodies of knowledge acquired while participating in the General Education Program; illustrates the integration of the Program; and provides opportunities for the students to utilize the knowledge and skills gained from the General Education experience in an applied manner. Involves research, application of theoretical models, and utilization of learned skills. Prerequisites: IDS 1301L with a minimum grade of C- or SLS 1501 with a minimum grade of C- or IDH 2002 with a minimum grade of C- or IDH 1001 with a minimum grade of C-

IDS 3197 Reflecting on the Holocaust 3 credits
Explores the impact of the Holocaust on a variety of aspects of world culture, possibly including literature, art, philosophy, political theory, and/or religious reflection.

IDS 3300 Foundations of CivicEngagement 3 credits
Introductory course for the Collegium of Interdisciplinary Learning that teaches civic engagement through: ethical responsibility, ecological and culturally diverse perspectives and community awareness. Prerequisites: ENC 1102 with a minimum grade of C

IDS 3301 Issues in Culture & Society 3 credits
Examines selected contemporary cultural/social issues and problems and their intellectual histories through a variety of interdisciplinary perspectives and methods. Stresses critical, creative, and collaborative thinking and application of communication, information, and technological skills. Prerequisites: IDS 3300

IDS 3302 Issues in Politics & Economics 3 credits
Examines selected contemporary political/economic issues and problems and their intellectual histories through a variety of interdisciplinary perspectives and methods. Stresses critical, creative, and collaborative thinking and application of communication, information, and technological skills.

IDS 3303 Issues in Science & Technology 3 credits
Examines selected contemporary science/technology issues and problems and their intellectual histories through a variety of interdisciplinary perspectives and methods. Stresses critical, creative, and collaborative thinking and application of communication, information, and technological skills.

IDS 3304 Issues in Ecology & Environ. 3 credits
Examines selected contemporary ecology/environmental issues and problems and their intellectual histories through a variety of interdisciplinary perspectives and methods. Stresses critical, creative, and collaborative thinking and application of communication, information, and technological skills.

IDS 3305 Issues in Media, Lit. & Arts 3 credits
Examines selected contemporary media, literature, and arts issues and problems and their intellectual histories through a variety of interdisciplinary perspectives and methods. Stresses critical, creative, and collaborative thinking and application of communication, information, and technological skills.

IDS 4901 Directed Individual Study 1 to 6 credits
Supervised study or project in an approved interdisciplinary area of interest. Permission of instructor required.

IDS 4910 Integrated Core Senior Seminar 3 credits
Capstone experience for the Collegium of Integrated Learning. In conference with selected faculty, students will devise a senior project that will emphasize the use of synthesis thinking and skills. The project may be related to, or have grown out of, previous courses in the Collegium of Integrated Learning and/or be connected to the student’s discipline. This course should be taken during the student’s final semester after successful completion (C or better) of at least two Collegium courses numbered IDS 3300-3305.

Prerequisites: IDS 3300 with a minimum grade of C or IDS 3301 with a minimum grade of C or IDS 3302 with a minimum grade of C- or IDS 3303 with a minimum grade of C.
grade of C or IDS 3303 with a minimum grade of C or IDS 3304 with a minimum grade of C or IDS 3305 with a minimum grade of C.

IHS 3101 Shaping Healthcare in 21st Cent. 3 credits Investigation of the interdisciplinary concepts of health and dynamics of healthcare delivery systems. Ethical, legal and social considerations for the 21st century healthcare practitioner are examined.

IHS 3112 Legal & Ethical Princ of HC 3 credits A focus on the legal and ethical issues encountered in health services organizations as they relate to health care delivery.

IHS 3203 Mgmt. & Leadership in HlthCare 3 credits Interdisciplinary analysis of leadership and management concepts; managerial skills and techniques; fiscal responsibility; human resource development; outcomes assessment; building strategic alliances in changing environments; and organizational ethics.

IHS 4504 Research Methods in HealthCare 3 credits Introduces qualitative and quantitative methods of inquiry; critical evaluation of health research literature; ethical integrity issues in research; interdisciplinary proposal preparation for health care scholarship; and application of research findings in health profession’s practice.

IHS 4938 Senior Seminar 3 credits Course synthesizing career and life experiences across disciplines, via exploration of interdisciplinary issues and civic projects.

Prerequisites: IHS 4504 and IHS 3101 and IHS 3203

IHS 5117 Global Persp of Health Policy 3 credits This interdisciplinary course examines health policies and perspectives globally, and the impact of health policy making in health care delivery systems nationally and internationally. Health policies in selected countries including the United States, Canada, Great Britain, Germany, and Sweden are compared and contrasted. The course evaluates health care issues and their effects on health professions, interdisciplinary health professions practices, and health services policies in the various selected countries. Special emphasis is placed on health policies from an economic, political, and social context internationally.

IHS 5508 Statistical Analysis for HP 3 credits This interdisciplinary courses introduces the student to selected statistical techniques and applications to the analysis and evaluation of health services delivery. The content includes descriptive and inferential statistics, probability theories, applied probability distributions, regression analysis, and selected nonparametric methods. Application of statistical methods, and techniques for health services are integrated within the course and through interdisciplinary student projects on such topics as total quality management and health services research areas, including outcomes assessment.

IHS 5600 Adv Ped:Children Birth-Sch Age 3 credits This interdisciplinary course explores the various dimensions of development of young children (prenatally through age five) within the context of family and culture. Special attention is given to the development of children from birth to three. The broad goal of the course is to understand the typical sequence of development, across domains, by age. The interrelated nature of development is emphasized throughout the course. The focus is on typical development, with special emphasis placed on the implications of risk conditions and atypical development for each of the developmental processes and sequences reviews. Attention is given to individual differences and variations in development.

IHS 5605 A Ped-Fam of Children w/Disab. 3 credits This interdisciplinary course examines the impact on families of individuals with disabilities and explores strategies for establishing partnerships with families while accomplishing family centered interventions. A family systems perspective is introduced and applied to understanding families of children with disabilities. Students are required to reflect on their own experiences as family members, challenge their own assumptions about families of children with disabilities, actively practice strategies that take the perspective of families, and understand how to forge positive working relationships with families.

IHS 6112 Legal & Ethic Aspct Hlth Care 3 credits Focuses on the U.S. legal system, legal principles, ethical issues that affect health care services, and interdisciplinary health care practices. Students are introduced to legal aspects of health care at the federal, state, and local levels. Liability, legal and ethical issues encountered in health service organizations as they specifically relate to health care delivery, health professions education, research, client interactions, policy and ethical decision making are investigated. Projects and simulations are integrated within the course to enhance critical thinking, communication, ethical decision making, and to foster interdisciplinary approaches to addressing issues. Special Conditions: Admission into the College of Health Professions MS in Health Science and completion of the pre-requisite course; or consent of the Department Chair.

Prerequisites:

IHS 6500 Research in Health Professions 3 credits Provides students with theories and principles of research designs and a broad conception of disciplined inquiry; and interdisciplinary team approaches to research in the health professions. It enables students to evaluate and apply various research designs, methods and techniques, and related statistical processes to research in the health professions and health services. Ethics and issues as related to research in the health professions are emphasized. Students demonstrate synthesis of course content and research skills through a research project. Special Conditions: Admission into the College of Health Professions MS in Health Science and completion of prerequisite course; or consent of the Department Chair.

Prerequisites: IHS 5508

IHS 6506 Qualitative Research Hlth Care 3 credits Examination of qualitative methods and applications to health disciplines; basic skill development in data analysis; development and initiation of a naturalistic study that students may continue in subsequent research requirements.

IHS 6606 Ad Ped: Atyp Child with Disab. 3 credits This interdisciplinary course increases students’ understanding of the complexity of early development and the influence of risk factors on development. Students gain knowledge of common disabling conditions, including their etiologies and potential effects on development. Ethical issues related to diagnosis and treatment decisions are emphasized. Students are engaged in a process of obtaining information and resources related to delayed or atypical development and outcomes in young children.

IHS 6607 Ad Ped: Team App Child with Dis 3 credits This interdisciplinary course examines the functions of teams in various early intervention and service delivery settings. Students become familiar with the roles of a variety of professionals in assessment, planning, intervention, service coordination, and interagency coordination. Developmental stages of
teams, models of team processes, and the dynamics of team interaction are explored, including approaches to problem solving, decision making, communication and conflict resolution.

IHS 6939 Health Policy Capstone Seminar 3 credits
This capstone course emphasizes the student's culmination of courses through demonstration of synthesis and evaluation of knowledge and experiences across disciplines via interdisciplinary and presentation of a health policy project. The course prepares students for their professional roles as interdisciplinary planners, change agents, educators, administrators and/or practitioners. Special Conditions: Admission into the College of Health Professions MS in Health Science program, completion of all pre-requisite courses, completion of career concentration core; or consent of the Department Chair.
Prerequisites: IHS 6112 and IHS 6500

INP 4004 Intro to Indus/Organiz Psych 3 credits
Applications of psychological principles to industry. Topics include selection, training, job satisfaction, supervision and decision making.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

INR 2005 Peace Conflict Public Sphere 3 credits
Interdisciplinary examination of the communicative practices, political dynamics, and philosophical perspectives that can illumine the emergence of societal conflicts and the prospects of their peaceful resolution.

INR 2015 Global Studies 3 credits
Introduces the student to the realities of current global issues and problems. The course content includes changing demographic patterns, food, energy and human resources, the structure of international relations, with a special emphasis upon sustainable development. An interdisciplinary approach is used in analyzing the issues.

INR 3002 Theories of Int'l Relations 3 credits
Examination of major theoretical traditions of international relations and interpretation of current international realities from the prospectus of these traditions.
Prerequisites: ENC 1102 with a minimum grade of C

INR 3081 International Issues & Actors 3 credits
Examination of important issues in international affairs. Analysis of behavior of major foreign policy actors in the international arena, including nation states, non-governmental and international organizations.

INR 3930 Sel. Topics in Int'l Relations 3 credits
Topics of special or current interest. Topics of focus may vary from semester to semester.

INR 3955 Overseas Study 1 to 3 credits
This course is a program of individual or group research in a foreign country.

INR 4075 International Human Rights 3 credits
Examines international human rights issues and their impact on politics. Major topics include: international human rights organizations and legal conventions; ethical and political ambiguities in international human rights; conflicts between human rights, local culture, and economic globalization.
Prerequisites: ENC 1102 with a minimum grade of C

INR 4303 U.S. Foreign Policy 3 credits
Examination of U.S. foreign policy, including economic policy, counter-terrorism, national defense, U.S. diplomacy toward key countries and regions of the world, and the governmental machinery through which foreign policy is formulated and implemented.
Prerequisites: ENC 1102 with a minimum grade of C

INR 4703 International Political Econ 3 credits
Examines the major structures and key actors within the contemporary global economy. Topics include international monetary order, regional and multilateral trade regimes, international financial flows, the roles of multinational corporations, economic development strategies, and world cities. These topics will be investigated from a variety of theoretical perspectives (e.g., liberal, mercantilist, structuralist).
Prerequisites: ENC 1102 and (ECO 2013 and ECO 2023 and POS 2041)

INR 4910 Directed Independent Study 1 to 3 credits
Provides an opportunity for students to engage in research of their choice in special areas of interest. The research may be carried out on an individual or group basis but must be under the supervision of the instructor. This course is intended to help students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting.

INR 4926 Model UN Practicum 3 credits
Enables students to engage in academic research that will facilitate their participation in Model United Nations conferences.
Prerequisites: INR 2015 with a minimum grade of C or INR 3002 with a minimum grade of C

INR 4930 Special Topics Intl Relations 3 credits
Prerequisites: ENC 1102

ISC 2930 Selected Topics 1 to 4 credits
Topics of current or special interest to students or faculty. Topics or focus vary depending on student/faculty interest.

ISC 3120 Scientific Process 3 credits
Introduction to the philosophy, methodology and ethics of scientific practice via classroom discussion and literature review. Focus on philosophical and practical differences between physical & historical science; hypothesis generation and testing; experimental design; construction of a research proposal; composition of a scientific paper; oral presentation; and critical review.
Prerequisites: OCE 3008C or BSC 1051C or PCB 3063C or PCB 3023C or CHM 2211C and (STA 2023 or STA 2037)

ISC 3120C Scientific Process 3 credits
Introduction to the philosophy, methodology and ethics of scientific practice via classroom discussion and literature review. Focus on philosophical and practical differences between physical & historical science; hypothesis generation and testing; experimental design; construction of a research proposal; composition of a scientific paper; oral presentation; and critical review.
Prerequisites: ISC 3145C with a minimum grade of C or BSC 1051C with a minimum grade of C or PCB 3063C with a minimum grade of C or ZOO 3713C with a minimum grade of C and (STA 2023 with a minimum grade of C or STA 2037 with a minimum grade of C or PCB 3023C with a minimum grade of C)
Fee Required

ISC 3145C Global Systems 3 credits
Interdisciplinary introduction to the dynamic and interactive process which shape our planet. Focus on the physical, biological, and chemical processes which have defined the com-
position of each of the four “spheres” of the planet (biosphere, hydrosphere, atmosphere, and lithosphere) throughout the earth’s 4.5 billion years of history.  
Prerequisites: (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C) or CHM 1046C with a minimum grade of C and PHY 2054C with a minimum grade of C and BSC 1010C with a minimum grade of C and GLY 1010C with a minimum grade of C  
Fee Required

**ISC 4131 Scientific Entrepreneurship** 3 credits  
This course addresses the nature of basic and applied research in biotechnology, how basic research and development drives the generation of Intellectual Property and how Intellectual Property can be commercialized.  
Prerequisites: ISC 3120

**ISM 3120 Intermediate Bus Programming** 3 credits  
Intermediate programming of business applications using a modern programming language. Topics include data structures, indexing, file processing, and user interfaces. Principles of programming style are emphasized. Projects and assignments cover business applications.  
Prerequisites: ISM 3230

**ISM 3402 Decision Support Tools** 3 credits  
Decision support tools and systems are utilized in business environments. This course covers the tools and technologies used in business decision making in functional areas such as management, accounting, human resources, finance and marketing. Those tools and technologies include data warehouse, OLAP, data mining, and visual presentations.  
Prerequisites: ISM 3011

**ISM 4910 Sr. Proj Rsch Intrdisc Nat Sci** 2 credits  
Research projects designed to hone skills in applying research principles and obtaining practice in data collection and analysis, or certain aspects of research are carried out by one or more students under the supervision of a faculty member.  
Prerequisites: ISC 4910 with a minimum grade of C

**ISC 4920 Internship in Interdis Nat Sci** 2 to 4 credits  
Supervised internship in a field or laboratory setting. A Satisfactory “S” or Unsatisfactory “U” grade will be assigned.  
Prerequisites: (COP 2006 with a minimum grade of C or ISM 3212 with a minimum grade of C )and (ISM 3011 with a minimum grade of C)

**ISM 3212 Database Concepts & Admin** 3 credits  
Principles of database administration. Information systems design and implementation with database management systems. This course covers conceptual, logical, and physical design of database; SQL; various database administration issues; and differing models for databases (relational, hierarchical, network, and object oriented). Students will design and construct a physical database system to implement the logical design.  
Prerequisites: (COP 2006 with a minimum grade of C or ISM 3230 with a minimum grade of C) and (ISM 3011 with a minimum grade of C or CEN 3031 with a minimum grade of C)

**ISM 3220 Data Communications** 3 credits  
Fundamentals of data communications based on the OSI reference model. Introduction to media, signaling, error control, protocols, and network operating systems. Local area networks are emphasized. Installation, configuration, troubleshooting and management of technologies are practiced in a project environment.  
Prerequisites: (COP 2006 with a minimum grade of C or ISM 3230 with a minimum grade of C )and (ISM 3011 with a minimum grade of C or CEN 3031 with a minimum grade of C )  
Fee Required

**ISM 3011 Information Systems** 3 credits  
Overview of information systems technology, including flow and control of information in an organization and use in decision making. Focuses on information systems’ strategy case studies, current security issues, and technology platforms to prepare students to utilize IT for exploring opportunities and solving problems in a global business environment. (Junior standing required)  
Prerequisites: CGS 1100 with a minimum grade of C or COP 1500 with a minimum grade of C

**ISM 3113 Systems Analysis & Design** 3 credits  
Systems concepts, structured methods, techniques, and computerized tools used in information systems analysis and design. Both procedural and object-oriented analysis design approaches are covered. Students will work on a real life projects to apply concepts and methods learned in class. (Fundamental computer programming knowledge required.)  
Prerequisites: ISM 3212 with a minimum grade of C and COP 3003 with a minimum grade of C or ISM 3232 with a minimum grade of C
ISM 4154 Systems Integrations Strategies 3 credits
This course prepares students so they can integrate cross-functional systems and analytical systems into an enterprise systems, as well as developing inter-organizational systems. Different approaches to systems integration, issues related to changes in business processes, and necessary technology components such as ERP, web services, EDI, API, XML, SOAP, and semantic web will be covered.
Prerequisites: ISM 3113 and ISM 3220

ISM 4332 IS Project and QA 3 credits
Students will gain an understanding of the entire information system development process via team projects, including problem identification, analysis, design, implementation, estimation, resource allocation, scheduling, and quality assurance. Teams will design and develop a prototype system that satisfies the requirements of a "real" organization.
Prerequisites: ISM 3113 with a minimum grade of C and ISM 3220 with a minimum grade of C
Corequisites:

ISM 4905 Directed Independent Studies 1 to 3 credits
Independent studies as directed by designated faculty. Permission of the instructor and department chair required.
Prerequisites: ISM 3113

ISM 4930 Topics in Computer Info Sys 3 credits
Selected topics in information systems.
Prerequisites: CGS 1100 with a minimum grade of C

ISM 4941 Practicum in Computer Info Sys 3 credits
Joint faculty/industry directed remote and/or on-site course experience in information systems development. (Department approval required) (S/U only)
Prerequisites: ISM 3113

ISM 5155 Enterprise Computing Strategy 3 credits
Strategies and technologies for the implementation of enterprise-wide computer information systems. Study of enterprise resource planning (ERP) systems for decision-making, process design, and control.
Prerequisites: ISM 6021 or ISM 3011

ISM 5405 Decision Support Systems Apps 3 credits
Advanced study of the principles of decision making and the human/computer alliance with hands-on computer-assisted decision making for an organizational environment.

ISM 5910 Directed Independent Studies 1 to 3 credits
Individual study and research under faculty direction. Topics vary and are usually selected on an individual basis. Detailed project and/or paper must be completed. (Permission of instructor and department required)
Prerequisites: ISM 6021

ISM 5930 Topics in Computer Info Sys 3 credits
A comprehensive survey of selected contemporary issues and topics in information systems at the graduate level. Individual investigation and reporting emphasized in seminar fashion.

ISM 6021 Management Info Systems 3 credits
Introduces computer information systems technology (IT) principles, tools and strategies used to gain competitive advantage in the marketplace. The emphasis is on addressing business problems in the "information-age" and communicating—in writing and with commonly used desktop software—the results of one's analysis of a business IT problem or situation. In addition, students apply IT strategies in the design of an Internet-based enterprise (E-Commerce)—including on-line presentation of e-business plan and enterprise resource planning (ERP) strategy.

ISM 6121 Info Requirements Analysis 3 credits
Study and application of systems development approaches. Covers structured methods, object-oriented analysis methods and other methods. Also covers computer aided system engineering tools. Students as a group will work on a real life project to apply concepts and methods they have learned.
Prerequisites: ISM 6021 or ISM 3011

ISM 6122 Information Systems Design 3 credits
An in-depth study of the problem of determining an efficient design to meet the requirements specified by the user. The course will cover alternative designs of networks, databases, programs, and user interfaces. Both structured and object-oriented methodologies will be discussed.
Prerequisites: ISM 6121

ISM 6217 Database Concepts & Admin 3 credits
Advanced principles of database administration. Information system design and implementation in a database environment. Topics may include conceptual, logical, and physical design of databases; SQL; database administration, distribution, security, and recovery issues; and differing models for databases (relational, hierarchical, network, and object oriented). Students will design and construct a physical database system to implement the logical design.
Prerequisites: ISM 3212

ISM 6231 Network Development & Mgmt 3 credits
Addresses the major issues in network design and management. Design considerations include communication services, local- and wide-area networks, network performance, and communication architectures. Managerial considerations include acquiring, utilizing, supporting, and managing these technologies.
Prerequisites: ISM 3220

ISM 6239 Adv Application Development 3 credits
Application of object oriented programming for business. Students will learn how to program and debug traditional and web-based programs using a modern object-oriented language. Includes instruction in exception handling, graphic user interface (GUI) design, database access, networking and other advanced topics.
Prerequisites: ISM 3212 and ISM 3232 or COP 3003

ISM 6316 Project Management 3 credits
Students will master the principles and techniques used in managing information system and business change projects. The course introduces the use of scheduling, resource allocation, and capacity planning in the design, development, and implementation of information systems and/or systems changes. The course covers state of the art models such as the Capability Maturity Model and the People Maturity Model developed at the Software Engineering Institute.

ISM 6337 Tech Documentation for IS Prof 3 credits
Professionals in Information Technology must be able to present their ideas, project proposals, or systems designs to non-technical managers in a clear and concise manner. This course is designed to help IT professionals make communications in a way that will enhance the manager's understanding and acceptance of those IT proposals.
Prerequisites: ISM 6122

ISM 6488 Mgt eBusiness Infrastructures 3 credits
The trend toward eBusiness, the practice of performing or coordinating key business processes through the extensive use of information technologies, continues. This course addresses technologies and processes for the design, implementation, and security of information systems in eBusinesses, as well
as the management of the technologies and processes.
Prerequisites: ISM 6021 or ISM 3011

ISM 6946 Practicum in CIS 3 credits
An experiential learning exercise that allows for practical application of knowledge acquired in the classroom. S/U only.
(Permission of department required)
Prerequisites: ISM 6121

ISS 2011 Interdisciplinary Social Science 3 credits
Examination of current social science issues from an interdisciplinary perspective. Topic selection will be within the broad framework of technological changes, economic conditions, political ideologies, social structures, manifestations of culture and impacts on changing social patterns.

ISS 2200 Intro to International Studies 3 credits
Introduction to International Studies, the inter-disciplinary nature of International Studies, the basic theoretical perspectives used in analyses and the specific areas for concentrated research or further reading.

ISS 3010 Intro to Social Sciences 3 credits
Interdisciplinary examination of social institutions and social issues from the perspectives of the various social sciences. Emphasis on different approaches to the analysis of issues, strategies for addressing needs relating to those issues, and relationships among the disciplines.

ISS 3930 Selected Topics 3 credits

ISS 4910 Directed Independent Research 1 to 3 credits
Supervised research in areas of special interest. This course is intended to help students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting.

ISS 4934 Program Evaluation 3 credits
Develops students' knowledge base and skills in program evaluation. Students study the theoretical bases for evaluation, examine the types of program evaluation and apply them in field assignments and case studies.

ISS 4935 Sr. Seminar in Soc. Sciences 3 credits
Capstone experience integrating the various paradigms explored in other courses. Focus on a topic of interest.

ISS 4940 Interdisciplinary Practicum 3 credits
Practical application of knowledge and skills in the classroom in supervised field settings. Hours may vary and are based upon the nature of the practicum.

ISS 4955 Study Abroad 3 credits
This course provides the student with a practical application of knowledge in a real setting.

JOU 3101 Journalism 3 credits
An overview of topics including news gathering techniques, investigative reporting, story construction, and press law and ethics. This writing workshop allows students to experience newspaper reporting firsthand, testing concepts in journalism by producing articles for the university community.

LAE 3334 Reading & Writing Content Area 4 credits
Prepares secondary teacher trainees to integrate reading and writing into their content classrooms in order to improve learning.

LAE 4314 Language Arts in Child. Educ. 3 credits
Implements a coordinated and integrated language arts cur-

LAE 4323 Methods of Teach Eng. Middle 3 credits
Methods of integrating reading, writing, speaking, listening, viewing and critical thinking activities into a literature-based program for middle school students. Must be taken one or two semesters prior to internship. Includes school-based practicum. Includes strategies for working with lower-level readers.

LAE 4335 Lang Arts Methods 6-12 3 credits
Methods of instruction for middle and high school language arts and English teaching. Knowledge of state curriculum standards and assessment methods. Emphasis on integrating skills with literature-based programs at middle and high school level. Includes strategies for working with lower-level readers.

LAE 4414 Lit. in Childhood Education 3 credits
The selection, evaluation and use of fiction, nonfiction and poetry for instructional, informational, and recreational purposes in Childhood Education. Included in this course are analytical thinking, writing skills, oral expression, race and ethnicity, and gender.

LAE 4416 Children’s Literature 3 credits
The selection, evaluation and use of fiction, nonfiction and poetry for instructional, informational, and recreational purposes in Childhood Education. Included in this course are analytical thinking, writing skills, and oral expression as they are applied to the study of children’s literature.
Prerequisites:

LAE 4464 Adolescent Literature 3 credits
Study of the types of literature read by adolescents. Emphasis on criteria for selection of literature and teaching materials for middle and high school teaching. Correlation of literature-based materials with state curriculum standards and assessment procedures.

LAE 4910 Internship in English Ed 9 credits
One full semester of internship in a public or private school. Intern takes Senior Seminar in English concurrently. In special programs where the internship experience is distributed over two or more semesters, student will be registered for credit which accumulates from 9-12 semester hours. (S/U only)

LAE 4941 Methods of Teach Eng: Pract 3 credits
Taken one semester prior to internship. Required concurrently with LAE 4335 or LAE 4325.

LAE 5295 Writing Workshop I 3 credits
Students will engage in exploration and practice of effective writing strategies. Will include teaching strategies demonstrations. Permission of Instructor only.

LAE 5816 Trends in Lit Diverse Society 3 credits
Nature, scope, and uses of literature for instructional, informational, and recreational purposes and implications of current theory, significant research, and issues in literature study as they relate to diverse learners.

LAE 6301 Language Learning in Childhood 3 credits
Research used to assess the language behavior of normal children and application of selected research methodology to understand linguistic behavior of children.

LAE 6315 Teaching Writers and Writing 3 credits
Methods of teaching writing as part of the language arts curriculum. Development of writing as a process and product instructional strategies, functions of writing, conventions of writing in the K-12 curriculum.

LAE 6325 Lang Arts Meth: 6-12 3 credits
Review of contemporary approaches to instruction in literature, language and language development, oral and written composition, corrective and developmental reading, and study skills. All components will be considered in the context of adolescent learning characteristics. Correlation of methods and materials with state and national curriculum standards and assessment procedures with special attention to Sunshine State and Goal Three Standards.
Prerequisites:

LAE 6326 Lang Arts Methods: High School 3 credits
Review of contemporary approaches to instruction in young adult literature, language and language development, oral and written composition, corrective and developmental reading, and study skills. All components will be considered in light of older adolescent learning characteristics.
Prerequisites:

LAE 6337 Reading & Writ in Content Area 3 credits
Integration of listening, speaking, reading and writing into content classrooms using language across the curriculum and reading in the content area methods to improve classroom learning across the disciplines. Correlation of methods and materials with state and national curriculum standards and assessment procedures with special attention to Sunshine State and Goal Three Standards.

LAE 6339 Lang Arts Methods: High School 3 credits
Review of contemporary approaches to instruction in young adult literature, language and language development, oral and written composition, corrective and developmental reading, and study skills. All components will be considered in light of older adolescent learning characteristics.
Prerequisites:

LAE 6415 Literature & the Learner 3 credits
Nature, scope, and uses of literature for instructional, informational, and recreational purposes and implications of current theory, significant research, and issues in literature study as they relate to the learner.
Corequisites:

LAE 6465 Adolescent Literature 3 credits
Advanced study of the types of literature read by early adolescents and young adults. Emphasis on criteria for selection of literature, print and nonprint media for middle and high school teaching.

LAE 6616 Trends in Lang Arts Instruct 3 credits
Significant concepts, emerging trends, research, and instructional techniques for implementation and utilization of language arts in all areas of the curriculum.

LAE 6790 Capstone Seminar: Eng Ed 1 to 3 credits
Candidates will design a scholarly project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the core courses of the C & I program and the student’s concentration. Students may register for up to 2 additional hours in subsequent semesters. Prerequisites: Permission of instructor

LAE 6792 NWP Teacher Researcher 3 credits
This course is designed to help teachers examine classroom research methods and trends, and to support teachers as they design a study to conduct in their classrooms. Permission of instructor only.

LAE 6923 Writing Workshop II 3 credits
For teachers who have been accepted as Summer Teacher Consultant in the National Writing Project at Florida Gulf Coast University. Permission of Instructor only.

LAE 6945 Internship in English, 6-12 6 credits
The M.A.T. program internship secondary education is to enhance the teaching experience by creating situations in which the intern will integrate theoretical knowledge from previous education courses with the classroom experience to demonstrate behaviors specified in the Educator Accomplished Practices and the Florida Performance Measurement System. Admission to the MAT program or permission of instructor required.

LAH 3130 Colonial Latin America 3 credits
Examines the indigenous populations of The Americas and the creation of Spanish and Portuguese colonial empires in this region from the late 15th century through the rise of independent states (1830s). Discusses pre-Columbian cultural forms and their impact on the blending of cultures in The Americas.

LAH 3200 Modern Latin America 3 credits
Examines the development of The Americas since the rise of independent states in the early 19th century through the 20th century. Special attention is given to the cross-cultural character of the region and the placing of Latin American works of art and literature into a cultural context.

LAH 3300 The Americas 3 credits
Historical perspective of the diverse region known as The Americas (33 sovereign nations). Emphasis on the nature and development of U.S. relations with its hemispheric neighbors and the recent massive influx of these people into the U.S. by concentrating on contemporary key issues and events.

LAH 3430 History of Mexico 3 credits
Survey of Mexican history from Pre-Columbian time to the present, with emphasis on the rich cultural heritage of its people and the economic, social, political, and religious forces that have shaped its history.

LAH 3440 History of the Caribbean 3 credits
Survey of the thematic factors that have shaped life in the Caribbean region from pre-Columbian time to the present. Particular concern will be given to the racial and ethnic concerns that have affected the identities of various peoples of this distinct region of Latin America.

LAH 3724 Race in Latin America 3 credits
An in-depth examination of the role race and ethnicity have played in the formation of modern Latin American societies, in particular their intersection with ideas of nation, class and gender, from the colonial period to the present.

LAH 3732 Popular Culture Latin America 3 credits
An exploration of the role of popular culture in Latin American and Caribbean history. Themes discussed will include food, sport, carnival, music, dance, poetry and religious worship and iconography and their incorporation into national, racial and gendered identities throughout the region.

LAS 2000 Intro. to Latin Amer. Studies 3 credits
Overview of Latin American social structure and factors which support or impede social change, collaboration and cultural maintenance. At least 6,000 words of graded written work are required (Gordon Rule).

LAS 3004 The Americas-Lat Amer & Carib 3 credits
This is a telecourse designed to introduce the complexities of Latin American and the Caribbean to students. Through an interdisciplinary approach to analysis, the course examines the cultural, historical, social, political and economic dynamics of the region.

LAS 3007 Latin American Environments 3 credits
The natural environments of Latin America and critical environmental issues are examined within their ecological, cultural, economic, and historical contexts. Multiple sources of information including scientific data and artistic impression are utilized.
Prerequisites: BSC 1051C or IDS 3304

LAS 3022 Caribbean Environments 3 credits
The natural environments of the Caribbean Basin and critical environmental issues are examined within their ecological, cultural, economic, and historical contexts. Multiple sources of information including scientific data and artistic impression are utilized.
Prerequisites: BSC 1051C with a minimum grade of C or IDS 3304 with a minimum grade of C

LAS 4932 Selc Topic in Caribbean Studies 3 credits
Selected issues, scholarly works, themes or movements relating to some aspect of Caribbean culture and society.

LEI 3703 Foundations of Therapeutic Rec 3 credits
An overview of therapeutic recreation and its concepts, practices, and service models and settings. Permission of the instructor is required.

LEI 4706 Conceptual Issues in TR 3 credits
Professional issues, accreditation, certification, third party reimbursement, and ethical concerns of the recreation therapist in practice.
Prerequisites: LEI 3703
Corequisites: LEI 4719

LEI 4709 Facilitation Techniques in TR 3 credits
Prerequisites: LEI 4713

LEI 4711 Program Devt & Eval. in TR 3 credits
Study of systematic program design and evaluation techniques for recreation therapy specialists.
Prerequisites: LEI 3703
Corequisites: LEI 4719

LEI 4713 Principles and Practices in TR 3 credits
Basic concepts, methods, processes, and techniques associated with practice of therapeutic recreation in settings offering medical, rehabilitation, and long term care services.
Prerequisites: LEI 3703

LEI 4718 Assessment & Documentation TR3 credits
Study and implementation of Therapeutic Recreation assessment and documentation techniques in a variety of health care settings.
Prerequisites: LEI 4713

LEI 4905 Directed Study in TR 1 to 6 credits
Supervised study of a therapeutic recreation topic. Content is selected by students in conjunction with their course director.
Prerequisites: LEI 4711 and LEI 4814

LEI 4930 Topics in TR 1 to 6 credits
Current concept, selected problem, or issue in therapeutic recreation is examined. The topic covered varies according to recent developments in therapeutic recreation. The course may be repeated for different topic areas.

LEI 4940 RT Clinical 1 to 3 credits
The professional eligibility requirements for the Equivalency Path B to professional certification allows for completion of therapeutic recreation coursework along with one year of full-time paid work experience with clinical supervision by a certified therapeutic recreation specialist (CTRS). This course will provide clinical supervision for recreational therapy by a certified therapist.
Prerequisites: LEI 3703

LIN 3010 Introduction to Linguistics 3 credits
An introduction to the methods and findings of the core areas of linguistic research; pronunciation, word formation, grammar, and dialog; and also to selected broader concerns, such as dialects, language learning, or computer language processing.
Prerequisites: ENC 1101 with a minimum grade of C and ENC 1102 with a minimum grade of C

LIN 4671 Traditional English Grammar 3 credits
Detailed analysis of the parts of speech, verb tenses, sentence functions, and other basic grammatical classifications of traditional English Grammar.
Prerequisites: ENC 1101 with a minimum grade of C and ENC 1102 with a minimum grade of C

LIN 4680 Structure of American English 3 credits
Survey of traditional, structural, and generative transformational grammars and their techniques for the analysis and description of linguistic structure in general and contemporary American English in particular.
Prerequisites: ENC 1101 with a minimum grade of C and ENC 1102 with a minimum grade of C

LIN 5010 Applied Linguistics & 2nd Lang 3 credits
An examination of the role of the brain in language learning, the nature of both first and second language acquisition, and the application of new knowledge generated by the research community to our work as language teaching professionals when working with English language learners (ELL).

LIT 2000 Introduction to Literature 3 credits
Survey of a variety of literary modes and genres from different cultures and time periods. At least 6,000 words of graded written work are required (Gordon Rule).
Prerequisites: ENC 1101 with a minimum grade of C

LIT 2110 Intro to World Lit & Culture I 3 credits
Survey of World Literature from Ancient and Classical times through the Renaissance. Centers on both canonical and marginal texts in their cultural and historical contexts.
Prerequisites:

LIT 2120 Intro to World Lit & Cultur II 3 credits
Survey of World Literature from the seventeenth century to the present. Centers on both canonical and marginal texts in their cultural and historical contexts.
Prerequisites:

LIT 3144 Modern European Novel 3 credits
Readings course on the Modern European Novel in translation as it developed from the nineteenth century to WW II.

LIT 3301 Cultural Studies/Popular Arts 3 credits
Twentieth-century popular culture as represented in film, fic-
LIT 3400 Interdisciplinary Topics 3 credits
Interdisciplinary readings course on the relationship between literature and the other humanistic disciplines, and/or the sciences and technology.

LIT 3662 Lit of Conquest & Exploration 3 credits
This readings course examines journals, letters, narratives, memoirs which document early European contact with the landscape and inhabitants of the Americas. Students focus on texts that predate the English settlements to consider such diverse figures as Columbus, Cabeza de Vaca, de Champlain, and Menendez de Aviles.

LIT 4061 Comparative Literature 3 credits
A comparison of literary works, themes, or practices from more than one culture or region. This comparison may be made in the framework of a literary genre, a period in literary history, or dominant themes and motifs. Individual instructors may choose to integrate literary production with other cross-cultural phenomena, such as historical changes and social movements as expressed through narratives in various contexts.

LIT 4093 Contemporary Literature 3 credits
Seminar centering on examination of a variety of international literary works written after 1945 in their social, cultural, and political contexts.

LIT 4213 Literary Theory 3 credits
This is a seminar in literary criticism from Aristotle to the present. The course focuses on the relationship between literary theory and "real life" politics, philosophy, religious studies, and assumptions about nature of "knowledge."

LIT 4353 Ethnic Studies 3 credits
Seminar examining the political, cultural, and social significance of ethnic identity within a variety of contexts. Focus on problematical and relative nature of the term "ethnic" to consider variable topics and issues.

LIT 4404 Interdisciplinary Literature 3 credits
Seminar examining the literature of a specific discipline or across disciplines.

LIT 4411 Environmental Philosophy 3 credits
Seminar on literature concerned with a philosophical approach to exploring the natural environment.

LIT 4434 Environmental Literature 3 credits
Seminar on literature concerned with the natural environment.

LIT 4493 Politics and Literature 3 credits
Examining the relationship between literature and politics within a variety of historical and geographical contexts.

LIT 4853 Topics in Cultural Critique 3 credits
Seminar examining critical perspectives offered and applied in literary, film, media, and culture criticism.

LIT 4930 Sel Topics in Lit Studies 3 credits
Topics of special or current interest. May be repeated with different topics and permission of the chair of the Division of Humanities and the Arts.

LIT 6066 Studies in Comparative Lit. 3 credits
An examination of literary and non-literary texts from throughout the world with a focus on the comparative impact of culture. Specific topics and texts will vary each semester.

LIT 6096 Contemporary Literature 3 credits
An examination of post-WWII literature and culture.

LIT 6406 Interdisciplinary Literature 3 credits
An examination of the interrelationships between literature and other disciplines or fields.

LIT 6434 Environmental Literature 3 credits
Explores the philosophical foundations of environmental attitudes through the study of British and U.S. literature.

LIT 6806 Literature as Cultural Study 3 credits
An examination of culture and its products through a variety of theoretical perspectives.

LIT 6910 Directed Research 3 credits
Supervised research in preparation for writing a thesis on a topic in interdisciplinary literature or multicultural literature. Approval of the coordinator of graduate studies required.

LIT 6930 Special Topics 3 credits
Focused study of a specific topic or issue in literature and culture. Course may be repeated once with a change in content.

MA 101 Step Ahead Math Workshop 0 credits

MAA 4211 Vector Analysis 3 credits
Differential and integral calculus of vector fields. Topics include vector fields, total derivative of a vector field, Taylor series, linearization, curl and divergence, flows and the transport theorem, line and surface integrals, Gauss' and Stokes' theorems, differential forms, Navier-Stokes equations, applications to fluid flows. Prerequisites: MAS 3105 with a minimum grade of C

MAA 4226 Analysis I 3 credits
Rigorous development of the key concepts and theorems of differential calculus. Topics include sequences, series, limits, continuity, differentiability, properties of derivatives, and uniform notions of convergence and continuity. Prerequisites: MAC 2313 with a minimum grade of C and MHF 2191 with a minimum grade of C

MAA 4227 Analysis II 3 credits
Rigorous development of the key concepts and theorems of integral calculus. Topics include the Riemann integral and its properties, a restatement of the key concepts of real analysis in the context of metric spaces and function spaces, and an introduction to measure theory and the Lebesgue integral. Prerequisites: MAA 4226 with a minimum grade of C

MAA 4402 Complex Variables 3 credits
Introduction to the general theory of functions of one complex variable. Topics include algebra of complex numbers, analytic functions, Cauchy-Riemann equations, Taylor and Laurent series, line and contour integral, poles of functions, integration theorems, and residues and the Residue Theorem, conformal mappings and Riemann surfaces, Riemann mapping theorem. Prerequisites: MAC 2313 with a minimum grade of C and MAP 2302 with a minimum grade of C

MAC 1105 College Algebra 3 credits
General course in techniques of algebraic representation and solution of problems. Topics will include review of properties of exponents and radicals, functions and functional notation, symbolic, graphical, and numerical representation of functions and equations, polynomial, exponential and logarithmic functions, systems of equations and inequalities, matrix
representation of linear systems, matrix methods for solving systems of equations.
Prerequisites: MAT 1033 with a minimum grade of C or STA 2023 with a minimum grade of C
Corequisites: MAC 1105L

MAC 1105L College Algebra - Lab 0 credits
Discussion and presentation of issues related to exponents and radicals, functions and functional notation, symbolic, graphical and numerical representation of functions and equations, polynomial, exponential and logarithmic functions, matrix representation of systems of linear equations and matrix methods for solving such systems.
Prerequisites: MAT 1033 with a minimum grade of C or STA 2023 with a minimum grade of C
Corequisites: MAC 1105

MAC 1147 Precalculus 4 credits
Survey of the basic properties of classes of functions commonly used in applications. Topics may include polynomial, trigonometric, exponential, logarithmic, conic sections, matrices, mathematical induction, and polar coordinates.
Prerequisites: MAC 1105 with a minimum grade of C

MAC 2157 Analytic Geom with Trig 3 credits
Trigonometry and analytic geometry, with applications. Topics include trigonometric functions, graphs of trig functions, identities, solving triangles, vectors, polar coordinates, conic sections, equations of conics, eccentricity and polar equations, parametric curves. This course is designed to meet teacher certification requirements for middle grades mathematics.
Prerequisites: MAC 1105 with a minimum grade of C

MAC 2233 Elementary Calculus 3 credits
Introduction to the techniques of calculus of primary use to business students. Topics include: differentiation and integration of algebraic functions with applications, exponential and logarithmic functions with applications to finance and economics. This course is NOT equivalent to MAC 2311.
Prerequisites: MAC 1105 with a minimum grade of C
Corequisites: MAC 2233L

MAC 2233L Elementary Calculus Lab 0 credits
Discussion and presentation of solutions to problems related to differentiation and integration of algebraic functions, exponential and logarithmic functions related to finance and economics.
Prerequisites: MAC 1105 with a minimum grade of C
Corequisites: MAC 2233

MAC 2311 Calculus I 4 credits
Introduction to the primary concepts and techniques of differential and integral calculus. Topics include limits and continuity, the derivative, differentiation and integration of algebraic and trigonometric functions, linearization of functions, Mean Value theorem, antiderivation, extrema and curve sketching, area and the definite integral, fundamental theorem.
Prerequisites: MAC 1147 with a minimum grade of C

MAC 2312 Calculus II 4 credits
Continuation of MAC 2311. Topics include integration by substitution, inverse functions, exponential and logarithmic functions, inverse trig functions, solids and surfaces of revolution, arc length, techniques of integration, parametric curves and polar coordinates, power series, Taylor’s theorem. Emphasis on conceptual understanding and modeling of physical phenomena.
Prerequisites: MAC 2311 with a minimum grade of C

MAC 2313 Calculus III 4 credits
Continuation of MAC 2312. Topics include vectors in the plane and 3-space, topics from plane and solid analytic geometry, curves in space, tangential and normal acceleration, directional derivatives and the gradient, tangent and normal to surfaces, extrema of multivariable functions, Lagrange multipliers, double and triple integrals, integration in cylindrical and spherical coordinates. Emphasis on conceptual understanding and modeling of physical phenomena.
Prerequisites: MAC 2312 with a minimum grade of C

MAC 3107 Discrete Mathematics 3 credits
Introduction to concepts of discrete mathematics, as used by computer scientists. Topics include symbolic logic and Boolean algebra, propositional and predicate calculus, sets, functions, and relations, enumeration and counting principles, introduction to graphs, trees, spanning trees, shortest path and matching algorithms, finite state automata, Turing machines.
Prerequisites: MAC 2312 with a minimum grade of C

MAC 4301 Graph Theory 3 credits
Introduction to the theory and applications of graphs. Topics include definitions and basic properties, Euler and Hamilton circuits and applications, connectivity, spanning trees and enumeration problems, cycle space and application to networks, matching algorithms and applications, shortest path problems, planar graphs and dual graphs, coloring problems and algorithms network flows, max flow-min cut theorem, Ramsey theory.
Prerequisites: MGF 2191 with a minimum grade of C and MAS 3105 with a minimum grade of C

MAC 4401 Numerical Analysis 3 credits
Introduction to basic concepts and methods of numerical approximation, with emphasis on error estimates and computer algorithms. Topics include numerical differentiation and integration, solution of initial value problems, interpolation and quadrature, numerical solution of algebraic and transcendental equations, systems of equations, finite differences, introduction to finite element methods.
Prerequisites: MAC 2313 with a minimum grade of C

MAD 4301 Graph Theory 3 credits
Introduction to concepts of discrete mathematics, as used by computer scientists. Topics include symbolic logic and Boolean algebra, propositional and predicate calculus, sets, functions, and relations, enumeration and counting principles, introduction to graphs, trees, spanning trees, shortest path and matching algorithms, finite state automata, Turing machines.
Prerequisites: MAC 2312 with a minimum grade of C

MAD 4401 Numerical Analysis 3 credits
Introduction to basic concepts and methods of numerical approximation, with emphasis on error estimates and computer algorithms. Topics include numerical differentiation and integration, solution of initial value problems, interpolation and quadrature, numerical solution of algebraic and transcendental equations, systems of equations, finite differences, introduction to finite element methods.
Prerequisites: MAC 2313 with a minimum grade of C

MAD 4504 Theory of Computation 3 credits
Mathematical principles of the theory of computation and computer science. Topics include finite and infinite state machines, regular expressions and their recognition automata, pushdown automata, Turing machines, grammars and parsing, recursive functions, decidability and insolubility, halting problem.
Prerequisites: MGF 2191 with a minimum grade of C and MAD 3107 with a minimum grade of C

MAE 4152 Math Methods 6-12 3 credits
Instructional strategies and materials that are vital elements of the teacher’s knowledge base for making curricular decisions. Survey techniques and materials unique to math, grades 6-12.
Prerequisites: EDF 3201 with a minimum grade of C and EDG 3201 with a minimum grade of C

MAE 4310 Math Content & Processes 3 credits
Philosophy, methods, and materials for teaching elementary school mathematics. Emphasis on the use of hands on learning approach using a constructivist approach.
Prerequisites: EDG 3201 with a minimum grade of C

MAE 4320 Teaching Math in Middle Grades 3 credits
Techniques and materials for instruction in middle grades mathematics. Familiarity with state curriculum standards. A school based practicum is required as part of this course.

MAE 4326 Teaching Elem School Math II 2 credits
Methods for teaching informal geometry, measurement, prob-
ability, and statistics.

MAE 4330 Teach Senior H.S. Mathematics 3 credits
Techniques and materials of instruction for senior high school mathematics. Applications of technology in mathematics. Familiarity with state curriculum standards. Students will complete 30-hour practicum experience as part of course requirements.

MAE 4551 Reading Language of Math 2 credits
Reading and writing issues in the teaching of mathematics. Strategies for assisting students who do not possess appropriate reading and writing skills to master mathematics content. Topics may include determining readability, adjusting curriculum, assessing skills, solving verbal problems.

MAE 4936 Senior Seminar in Math Ed 2 or 3 credits
Synthesis of teacher candidate’s courses in complete college program.

MAE 4940 Internship: Mathematics Educ. 9 credits
One full semester of internship in a public or private school. In special programs where the intern experience is distributed over two or more semesters, students will be registered for credit which accumulates for 9-12 semester hours. (S/U only)

MAE 4942 Integr Field Experience: Math 3 credits
Semester long internship to observe and demonstrate effective teaching practices. Student will partially assume teacher role in selected schools. Student will be in 2-3 settings for a total of 12 weeks. Part of the course experience will be a 2 week experience teaching second language learners. Prerequisites: EDF 3201 with a minimum grade of C and EDG 3201 with a minimum grade of C and RED 4350 with a minimum grade of C and MAE 4152 with a minimum grade of C

MAE 6115 CurrTrends in Elem Math Educ 3 credits
Philosophy, content, and process of mathematics education in elementary school programs.

Prerequisites:

MAE 6332 Math Methods: High School 3 credits
Methods of teaching mathematics in grades 9-12. Admission to the MAT program or permission of instructor required.

MAE 6336 Math Med: 6-12 3 credits
Methods of teaching mathematics middle school and senior high school, addressing strategies for teaching adolescents, curriculum adaptation for special needs students, adaptations for LEP learners, and current literature for teaching mathematics. Special emphasis on real world applications, state and national standards.

MAE 6927 Selected Topics in Tch Math 1 to 4 credits
Each topic is a course under the supervision of a faculty member. The title and content will vary according to the topic and the number of hours.

MAE 6945 Internship in Math, 6-12 6 credits
The M.A.T. program internship is an opportunity to integrate theoretical knowledge from previous education courses with classroom experience to demonstrate behaviors specified in the Educator Accomplished Practices and the Florida Performance Measurement System. Admission to the MAT program or permission of instructor required.

MAN 2062 Ethical Issues 3 credits
Study of the fundamentals of moral reasoning in a business context designed for business and non-business majors. Focus will be placed on the basic conceptual tools for ethical decision-making, recognition of situations which call for ethical decision-making, commonly used ethical theories and second level principles, and use of a decision procedure for applying ethical theories and principles in practical situations.

MAN 2931 Special Topics/Seminars 1 to 3 credits
Topics of interest to faculty and students.

MAN 3025 Contemporary Mgt Concepts 3 credits
Fundamentals of effective management from an organizational behavior perspective. Emphasis on tools and skills for understanding contemporary business activity in such areas as decision-making, planning, organizing, communicating, staffing, and controlling. Examines the role leadership plays in these areas. (Junior standing required)

MAN 3063 Organizational Ethics & Values 3 credits
Roles of personal, organizational, and societal values and ethics in society. Topics include exploration of individual ethics, values and goals; the study of ethical behavior within organizations, as it influences people, products, and the work environment; the exploration of the values, ethics, and beliefs upon which the free market system of production and exchange is built; and the exploration of individual roles as well as the appropriate roles of organizations and government in society.

MAN 3103 Foundations of Entrepreneurship 3 credits
Provides a broad overview of the principles, theories, and practice of entrepreneurship, together with an understanding of the key tasks, skills, and attitudes required. Opportunity recognition and evaluation is emphasized. Prerequisites: MAN 3025

MAN 3301 Human Resource Management 3 credits
Provides a broad exposure to the policies, functions (such as recruitment, selection, compensation, evaluation, and development), and current issues involved in managing a firm’s employees. The strategic role of HRM will be emphasized. Prerequisites: MAN 3025

MAN 3320 Employee Staffing 3 credits
Provides students with a detailed overview of the staffing activities performed by organizations. Examines selection from the process of determining what type of employees are needed by the organization, when they are needed, generating a pool of qualified candidates, selecting the “best” candidate, to making a successful offer. Also includes evaluation of an organization’s staffing policies and practices. Prerequisites: MAN 3301

MAN 3322 Human Resource Info Systems 3 credits
Provides a broad overview of the importance and uses of HRIS in organizations to enable managers to make better use of human resources. Also provide a practical working knowledge of the use of HRIS for HR database planning, development, implementation, and evaluation. Prerequisites: MAN 3301 and ISM 3011

MAN 3350 Training & Development 3 credits
Provides the knowledge, skills, and ability for students to develop programs that train and develop employees to deal with global, technological, quality, and leadership challenges. Topics include assessing organizational needs, training objectives, selecting or developing training programs, and evaluating the outcomes of these programs. Focus will be on both current skills training and the development of employees for an ongoing role within the organization. Prerequisites: MAN 3301
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN 3401</td>
<td>Labor-Management Relations</td>
<td>3</td>
<td>A study of the historical, legal, social, and economic framework of both private and public sector labor relations in the U.S. The respective philosophy, objectives and strategies of unions and management are examined, as is the key role of Federal agencies such as the National Labor Relations Board and the Federal Mediation and Conciliation Service. Prerequisites: MAN 3301</td>
</tr>
<tr>
<td>MAN 3441</td>
<td>Conflict Management</td>
<td>3</td>
<td>An introduction to various forms of interpersonal, intra-group, and inter-group conflict, and explores the causes of conflicts and techniques and skills for managing conflict. Topics include the principles and strategies of successful negotiation and positive conflict management processes, such as active listening, communication skills, integrative and distributive bargaining, role of third-party neutrals to help resolve conflict, and principled negotiation, mediation, and arbitration. Prerequisites: MAN 3025</td>
</tr>
<tr>
<td>MAN 3504</td>
<td>Operations Management</td>
<td>3</td>
<td>Introduction to the management systems applications, and quantitative principles and techniques for effective planning and utilization of resources in the operation of manufacturing, research, and service activities. Junior Standing Required. Prerequisites: STA 2023 with a minimum grade of C</td>
</tr>
<tr>
<td>MAN 3520</td>
<td>Total Quality Management</td>
<td>3</td>
<td>Introduces students to the philosophy, techniques, and application of implementing and assessing quality in organizations. Provides students with a basic understanding of the various methods by which quality can be monitored, assessed, improved, and administered to achieve continuous process improvements and customer satisfaction. Topics include the importance of interdisciplinary teams, benchmarking, and statistical process control. Prerequisites: MAN 3504</td>
</tr>
<tr>
<td>MAN 3803</td>
<td>Management of Small Business</td>
<td>3</td>
<td>Introduces students to the practical realities, transition points, issues, and dilemmas facing small to mid-sized businesses. Focuses on leadership, management, and decision-making processes necessary for long-term health and success in the small business arena. Prerequisites: MAN 3025</td>
</tr>
<tr>
<td>MAN 4120</td>
<td>Leadership &amp; Group Dynamics</td>
<td>3</td>
<td>Group theory, concepts, research, and application principles. Development of communication skills necessary to lead and work effectively in groups. Classes utilize group exercises and experiential learning. Prerequisites: MAN 3025</td>
</tr>
<tr>
<td>MAN 4280</td>
<td>Org Development &amp; Change</td>
<td>3</td>
<td>Studies organization development as a process of planned change to improve an organization’s problem-solving skills and its overall effectiveness within a changing and complex environment, including behavioral effects of power and authority, formal organizations, structural variation, leadership, motivation, and organizational change. Prerequisites: MAN 3025</td>
</tr>
<tr>
<td>MAN 4330</td>
<td>Management of Compensation</td>
<td>3</td>
<td>Study of the evolution of innovative compensation policies aimed at aligning individual and organizational performance with competitive business strategies in domestic and global markets. Relevant labor market pay practices and government policies such as ERISA and COBRA are examined. Internal organization pay policies, ESOPs, pay for performance incentive systems, and various indirect compensation benefits are covered.</td>
</tr>
<tr>
<td>MAN 4402</td>
<td>Employment Laws &amp; Regs</td>
<td>3</td>
<td>Focuses on federal and state laws and regulations that govern employees in the workplace. Topics and issues discussed include managing workforce diversity, EEO and immigration laws, employee job rights, occupational safety, health and worker’s compensation, employee drug testing, right to privacy, labor laws, and fair labor standards. Prerequisites: MAN 3301</td>
</tr>
<tr>
<td>MAN 4530</td>
<td>Management of Technology</td>
<td>3</td>
<td>The changing technical environment confronting managers in corporate and nonprofit organizations. Focus on integration and the management of new technical areas including flexible manufacturing systems, new product development, computer networks, and quality control issues. Prerequisites: MAN 3025 and MAN 3504</td>
</tr>
<tr>
<td>MAN 4600</td>
<td>International Mgt and Culture</td>
<td>3</td>
<td>A study of international management practices. Topics include an introduction to international management and the multinational enterprise, the cultural environment of international management, planning in an international setting, organizing for international operations, directing international operations, international staffing, and the control process in an international context. Prerequisites: MAN 3025</td>
</tr>
<tr>
<td>MAN 4625</td>
<td>Global Human Resource Mgt</td>
<td>3</td>
<td>Provides an introductory knowledge and skill base in aspects of global human resource management to assist with the effective management of people in international settings. Focus given to preparing employees for international assignments, international training and compensation, and management from a distance, among other international labor issues. Prerequisites: MAN 3301</td>
</tr>
<tr>
<td>MAN 4802</td>
<td>Business Plan Development</td>
<td>3</td>
<td>Hands-on business planning experience, with orientation to computer research resources and business planning software packages. Students develop business plans for an independent startup or acquisition, resulting in professional quality written business plans and oral business plan presentations. Prerequisites: MAN 3103</td>
</tr>
<tr>
<td>MAN 4804</td>
<td>Entrepreneurial Field Studies</td>
<td>3</td>
<td>Application of business and entrepreneurial concepts to field experiences through implementation of a student-designed business plan or collaboration with an entrepreneur on a specific, mutually agreed upon project. Prerequisites: MAN 3103</td>
</tr>
<tr>
<td>MAN 4905</td>
<td>Independent Study in Mgt</td>
<td>3</td>
<td>Specialized independent study by students working one-on-one with a faculty member. Topics vary and are usually determined by the student’s and faculty member’s needs and interests. (Senior standing and permission of department required.) Prerequisites: MAN 3025</td>
</tr>
<tr>
<td>MAN 4910</td>
<td>Management Internship</td>
<td>3</td>
<td>Opportunity to enhance and apply management skills and knowledge to a relevant profit or nonprofit organization to facilitate career planning and development. (Permission of department required) (S/U only)</td>
</tr>
<tr>
<td>MAN 4930</td>
<td>Seminar in Management</td>
<td>1 to 3</td>
<td>Exploration of specialized topics in management selected by instructor and department chair.</td>
</tr>
<tr>
<td>MAN 4941</td>
<td>Management Internship</td>
<td>3</td>
<td>Opportunity to enhance and apply management skills and knowledge to a relevant profit or nonprofit organization to facilitate career planning and development. (Permission of department required) (S/U only)</td>
</tr>
</tbody>
</table>
MAN 5525 Total Quality Management 3 credits
A study of the total quality approach to management and its applications. The course focuses upon the goal of achieving customer satisfaction through the empowerment of employees to make continuous improvements in the organizational processes. Topics also include philosophies of total quality, the importance of interdisciplinary teams, benchmarking, and statistical process control.
Prerequisites: MAN 6501

MAN 5537 Management of Technology 3 credits
The changing technical environment confronting managers in corporate and nonprofit organizations. Focuses on the integration and management of new technical areas, including flexible manufacturing systems, new product development, computer networks, and quality control issues.
Prerequisites: MAN 6055 and MAN 6501

MAN 6055 Contemporary Mgt Concepts 3 credits
Fundamentals of effective management from an organizational behavior perspective. Emphasis on tools and skills for understanding contemporary business activity in such areas as decision-making, planning, organizing, communicating, staffing, and controlling. The role leadership plays in these areas will be examined. These concepts are applied to business, government, and not-for-profit organizations.

MAN 6149 Leadership & Group Dynamics 3 credits
Group theory, concepts, research, and application principles. Development of communication skills necessary to lead and work effectively in groups. Classes utilize group exercises and experiential learning.
Prerequisites: MAN 6055

MAN 6266 The Challenge of Leadership 3 credits
Engages students in a variety of activities designed to enhance their understanding of the challenges which confront today's business professionals. In addition to specific skill development in the areas of problem-solving, written and oral communications, leading teams, and goal setting, it will include models for examining personal career paths, ethical decision-making, and the role of organizational change-agents.

MAN 6289 Org Development & Change 3 credits
Studies organization development as a process of planned change to improve an organization's problem-solving skills and its overall effectiveness within a changing and complex environment, including behavioral effects of power and authority, formal organizations, structural variation, leadership, motivation, and organizational change.
Prerequisites: MAN 6055

MAN 6305 Human Resource Management 3 credits
Provides a broad exposure to the policies, functions (such as recruitment, selection, compensation, evaluation, and development), and current issues involved in managing a firm's employees. The strategic role of HRM will be emphasized.
Prerequisites: MAN 6055

MAN 6321 Employee Staffing 3 credits
Provides students with a detailed overview of the staffing activities performed by organizations. Examines selection from the process of determining what type of employees are needed by the organization, when they are needed, generating a pool of qualified candidates, selecting the "best" candidate, to making a successful offer. Also includes evaluation of an organization's staffing policies and practices.
Prerequisites: MAN 6305

MAN 6331 Management of Compensation 3 credits
The evolution of innovative compensation policies aimed at aligning individual and organizational performance with competitive business strategies in domestic and global markets. Relevant labor market pay practices and government policies such as ERISA and COBRA, are examined. Internal organization pay policies, ESOP's, pay-for-performance incentive systems, and various indirect compensation benefits are covered.
Prerequisites: MAN 6305

MAN 6351 Training & Development 3 credits
Provides the knowledge, skills, and ability for students to develop programs that train and develop employees to deal with global, technological, quality, and leadership challenges. Topics include assessing organizational training needs, clarifying training objectives, selecting or developing training programs, and evaluating the outcomes of these programs. Focus will be on both current skills training and the development of employees for an ongoing role within an organization.
Prerequisites: MAN 6305

MAN 6403 Employment Laws & Regulations 3 credits
Focuses on the federal and state laws and regulations that govern employees in the workplace. The issues and topics discussed include managing workforce diversity, EEO and immigration laws, employee job rights, occupational safety, health and worker's compensation, employee drug testing, right to privacy, labor laws, and fair labor standards.
Prerequisites: MAN 6305

MAN 6411 Labor-Management Relations 3 credits
A study of the historical, legal, social, and economic framework of both private and public sector labor relations in the US. The respective philosophy, objectives, and strategies for unions and management are examined, as is the key role of Federal agencies such as the National Labor Relations Board and the Federal Mediation and Conciliation Service.
Prerequisites: MAN 6305

MAN 6448 Conflict Management 3 credits
The causes of various forms of interpersonal, intra-group conflict and how to effectively manage conflict are the principle focus of this course. Topics may include stakeholder analysis, political processes and power within the organization, competitive rivalry in domestic and global market places, integrative and distributive bargaining, and the role of third-party neutrals in helping to resolve disputes.
Prerequisites: MAN 6055

MAN 6501 Operations Management 3 credits
Introduction to the fundamental concepts, processes and institutions involved in the production of goods and services required by modern society.
Prerequisites: QMB 6305

MAN 6601 International Management 3 credits
A study of characteristics of the international and multinational company, environmental constraints, human resources and labor relations factors, and strategic planning and policies from an international perspective.
Prerequisites: MAN 6055

MAN 6607 Global Organization Issues 3 credits
Addresses the cross-cultural skills necessary for managers in today's multinational and multicultural organizations. Examines culture-specific needs for leadership, communications and negotiations; and focuses on culture's impact on legal, ethical, diversity, and environmental issues.
Prerequisites: MAN 6055

MAN 6805 Management of Small Business 3 credits
Introduces students to the practical realities, transition points,
issues, and dilemmas facing small to mid-sized businesses. Focuses on leadership, management, and decision-making processes necessary for long-term health and success in the small business arena. Prerequisites: MAN 6055

MAN 6806 Entrepreneurial Field Studies 3 credits A practical, experiential course that provides students opportunities to work in the field. Students apply concepts mastered in previous business and entrepreneurship courses either by implementing their own business plan or by working with an entrepreneur on a specific, mutually agreed upon project. Projects include analyzing problem areas and making recommendations for improvement, preparing pre-business feasibility studies, and creating comprehensive business plans. Prerequisites: MAN 6055 and FIN 5405 and MAR 6815

MAN 6808 Entrepreneur & Bus Plan Devel 3 credits Hands-on business planning experience, with orientation to computer research resources and business planning software packages. Students develop business plans for an independent start-up or acquisition, resulting in professional-quality business plans and oral business plan presentations. Prerequisites: FIN 5405 and MAN 6055 and MAR 6815

MAN 6907 Independent Study in Mgt 1 to 3 credits Individual study and research under faculty direction. Topics vary and are usually selected on an individual basis. Detailed project and/or paper must be completed. (Permission of instructor and department required) Prerequisites: MAN 6055

MAN 6930 Seminar in Management 3 credits A comprehensive survey of selected contemporary issues and topics in management at the graduate level. Individual investigation and reporting emphasized in seminar fashion.

MAN 6932 Executive Seminar 3 credits Designed to strengthen students' appreciation for the challenges of leading cross-functional organizations. Classes will be interactive and make extensive use of case-based exercises focusing on actual organizational issues. (Executive MBAs only) Prerequisites: ACG 6025 and ISM 6021 and MAN 6266 and QMB 6305 and MAN 6055 and ECO 5005

MAN 6946 Management Internship 3 credits An experiential learning exercise that allows for practical application of knowledge acquired in the classroom. S/U only. (Permission of department required).

MAP 2302 Differential Equations 3 credits An introduction to differential equations and their applications, based upon knowledge of calculus. Topics to include: initial value problems of the first-order, numerical solutions, systems of differential equations, linear differential equations, Laplace transforms, series solutions. Prerequisites: MAC 2312 with a minimum grade of C

MAP 3161 Math for Science & Engineering 4 credits Applications oriented development of vector and introductory tensor calculus, variational calculus, Laplace transforms, Fourier series and Fourier transforms. Prerequisites: MAC 2313 with a minimum grade of C and MAP 2302 with a minimum grade of C

MAP 3162 Probability & Statistics 4 credits Introduction to mathematical statistics covering the main ideas and key theorems. Topics include enumeration, axiomatic development of probability theory, random variables, differential and cumulative probability distributions, moment generating functions, transformations of random variables, approximations to the binomial distribution, the Central Limit Theorem, hypothesis testing, point and interval estimation, and regression analysis. Prerequisites: MAC 2313 with a minimum grade of C and MAS 2121 with a minimum grade of C

MAP 3163 Operations Research I 3 credits Introduction to mathematical aspects of decision science and operations research. Topics include systems of inequalities and linear programming, simplex algorithm, sensitivity analysis, integer programming, branch and bound methods, graph and network models, shortest paths, matchings, network flows, duality theory, introduction to game theory. Prerequisites: MAS 3105 with a minimum grade of C

MAP 4231 Operations Research II 3 credits Linear programming, integer program models of problems, integer programming, branch and bound methods, queueing, CPM and PERT, network flows, duality principles in modeling and problem solving, statistical models in OR. Prerequisites: MAP 3163 with a minimum grade of C

MAP 4314 Dynamical Systems 3 credits Topics include discrete dynamical systems: fixed points and stability, bifurcations, classification of equilibria, self-similarity, fractals. Continuous dynamical systems: kneading, bifurcations, attractors, limit cycles and their classification, chaotic behavior. Prerequisites: MAP 3161 with a minimum grade of C

MAP 4341 Partial Differential Equations 3 credits Elements of the classical theory of partial differential equations. Topics include classification of PDEs and boundary value problems, Fourier series and transform, separation of variables, Fourier series solution of wave and heat equations, d'Alembert's solution and change of variables, transform methods, applications. Prerequisites: MAP 3161 with a minimum grade of C

MAR 3023 Introduction to Marketing 3 credits The study of the nature of marketing systems and the marketing function within organizations. Emphasis on the identification and satisfaction of consumer needs in a dynamic market environment including focus on the marketing mix, marketing institutions, and marketing decision making environments. (Junior standing required)

MAR 3235 Interactive Marketing 3 credits Study of the convergent use of traditional and alternative direct response marketing strategies and techniques in retail and business-to-business settings using all media. Emphasis on list selection, testing and management; segmentation, positioning and offer planning; offer execution and fulfillment; and measure response/profitability. Prerequisites: MAR 3023 Prerequisites: MAR 3023

MAR 3400 Professional Selling 3 credits In-depth, experiential study of the entire relationship selling process in consumer and business-to-business selling environments, from prospecting to follow-up, using problem-solving selling strategies, practices and techniques. (Junior standing required)

MAR 3503 Consumer Behavior 3 credits Study of the decision processes of individuals and groups toward consumer products and the implications of these processes for marketers. Emphasis on both individual, group, and external determinants of consumer attitude and behavior. Prerequisites: MAR 3023
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR 3613</td>
<td>Marketing Research</td>
<td>3</td>
<td>User-oriented analysis of the marketing research process, including problem definition, proposal preparation, research design, sampling methods, data collection, data analysis, interpretation and presentation of findings. Prerequisites: MAR 3023</td>
</tr>
<tr>
<td>MAR 4156</td>
<td>Global Marketing</td>
<td>3</td>
<td>The application of marketing theories, principles and practices to the identification and satisfaction of the needs of consumers located in global communities. Focus on cross-cultural consumer behavior and communication, and legal processes. Prerequisites: MAR 3023</td>
</tr>
<tr>
<td>MAR 4203</td>
<td>Supply Chain Marketing</td>
<td>3</td>
<td>The management of traditional and emerging marketing channels emphasizing legal, economic, and ethical considerations in wholesale and retail inventory control, raw goods and finished product transportation, E-tailing, and relationship management. Prerequisites: MAR 3023</td>
</tr>
<tr>
<td>MAR 4232</td>
<td>Retail Management</td>
<td>3</td>
<td>A study of retailing structures, institutions, environments, and operations, including planning, merchandising and inventory management, product displays and promotions, store layouts and site selection, and the integration of E-tailing. Prerequisites: MAR 3023</td>
</tr>
<tr>
<td>MAR 4310</td>
<td>Public Relations Management</td>
<td>3</td>
<td>Managing relationships of firms/organizations with its customers and non-customer publics, the media, community, government, investors, intermediaries, and employees. Topics include ethics, public opinion, publicity, event planning, primary/secondary research, communication, writing for the media, and managing media relations. Prerequisites: ADV 3000 or MAR 3023</td>
</tr>
<tr>
<td>MAR 4333</td>
<td>Integrated Mkt. Communications</td>
<td>3</td>
<td>Team-oriented approach examines problems of developing a persuasive marketing strategy, promotional objectives, strategies and executions, including advertising, public relations, personal selling, sales promotion, direct marketing, and corporate communications. AAF/NSAC case study. Prerequisites: ADV 3001 with a minimum grade of C or ADV 3101 with a minimum grade of C or ADV 3300 with a minimum grade of C</td>
</tr>
<tr>
<td>MAR 4403</td>
<td>Sales Force Management</td>
<td>3</td>
<td>Contemporary sales force management. Emphasis on sales force strategies, sales management responsibilities and skills including recruiting, selection and training issues, motivational factors, and determinants of sales force performance. Prerequisites: MAR 3023 and MAR 3400</td>
</tr>
<tr>
<td>MAR 4645</td>
<td>Marketing Technology</td>
<td>3</td>
<td>In-depth study of the strategic and ethical use of databases and web-enabled technologies. Emphasis on offline/online marketing communications and applications that build and maintain customer, vendor and supplier relationships. Prerequisites: MAR 3023 and ISM 3011</td>
</tr>
<tr>
<td>MAR 4713</td>
<td>Hospitality/Tourism Marketing</td>
<td>3</td>
<td>Focuses on marketing management tools and analysis for the hospitality services and tourism industries with an emphasis on strategic market research, planning, development, and evaluation. Prerequisites: MAR 3023</td>
</tr>
<tr>
<td>MAR 4804</td>
<td>Market Strategy</td>
<td>3</td>
<td>A capstone marketing course that utilizes case studies to simulate real-world business situations. The analyses provide guidance to students in developing analytical, decision-making and presentation skills. Prerequisites: MAR 3503 and MAR 3613</td>
</tr>
<tr>
<td>MAR 4841</td>
<td>Services Marketing</td>
<td>3</td>
<td>The selection, development, execution, and measurement of marketing strategies in service organizations, including the strategic and tactical differences in the marketing of services from those methods used in traditional product marketing. Prerequisites: MAR 3023</td>
</tr>
<tr>
<td>MAR 4905</td>
<td>Independent Study in Mkt</td>
<td>1-3</td>
<td>Individual study and research with faculty direction and supervision. (Permissions of instructor and department required) Prerequisites: MAR 3023</td>
</tr>
<tr>
<td>MAR 4930</td>
<td>Special Topics in Marketing</td>
<td>3</td>
<td>Study of special, current, or emerging topics in marketing. Prerequisites: MAR 3023 with a minimum grade of C</td>
</tr>
<tr>
<td>MAR 4944</td>
<td>Internship in Marketing</td>
<td>3</td>
<td>Supervised work experiences in a marketing related capacity with profit or non-profit organizations. Individual work must meet the College of Business and the Department of Marketing requirements to earn course credit. (Junior/Senior standing and permission of department required) (S/U only) Prerequisites: MAR 3023</td>
</tr>
<tr>
<td>MAR 6158</td>
<td>International Marketing</td>
<td>3</td>
<td>An advanced study of the process and problems associated with establishing and maintaining global marketing operations. Analytical tools available to global marketing managers will be emphasized to assess competitive alternatives to include justification of international trade, and the formulation of global marketing strategies. Cross-cultural, legal, political, ethical and environmental factors are introduced to enhance global marketing decision-making. Prerequisites: MAR 6815</td>
</tr>
<tr>
<td>MAR 6216</td>
<td>Marketing Logistics</td>
<td>3</td>
<td>Advanced study of the logistical process and its impact on business strategy. Application of quantitative methods of involving the handling and storage of raw materials and finished goods. Attention is given to the dynamic interrelationships among the functional areas of business as they impact the flow of materials from producer to consumer. Issues are addressed relating to wholesale and retail inventory, warehousing, packaging, transportation and information processing techniques useful in establishing customer service levels. Prerequisites: MAR 6815</td>
</tr>
<tr>
<td>MAR 6336</td>
<td>Marketing Communications Mgt</td>
<td>3</td>
<td>Case study approach to understanding the role of promotion strategy in brand management and corporate communications, with a focus on research and evaluation and communications strategy development in a global environment. Prerequisites: MAR 6815</td>
</tr>
</tbody>
</table>
| MAR 6646   | Advanced Marketing Research                     | 3       | A study of the relationship between research methods and information systems in the context of marketing decision-making. Emphasis is placed on understanding the limits of research, and the managerial use of information. Advanced methods and techniques applicable to marketing problem-solving will include formulating marketing research issues, research design, data sources, data collection procedures, statistical analysis of qualitative and quantitative data, and report presentation. Attention is also given to defining information needs, determining the value of information for business deci-
Course Descriptions

MAT 1033 Intermediate Algebra 3 credits
A comprehensive survey of algebraic functions, exponential functions, logarithmic functions, systems of equations, functions, and applications. Prerequisites: MAT 0123 or Gordon Rule requirements.

MAR 6716 Hospitality/Tourism Marketing 3 credits
A comprehensive study of tourism and hospitality marketing as a subset of marketing management. Emphasis on the analytical tools and techniques necessary to develop and implement marketing strategy in this domain. Prerequisites: MAR 6815

MAR 6726 Marketing on the Internet 3 credits
Advanced analysis of the strategic and ethical use of the Internet for marketing communications and strategy in domestic and global entities. Topics center on using the Internet to maximize marketing promotions and customer experiences at all customer contact points. Prerequisites: MAR 6815

MAR 6807 Adv Market Analysis & Strategy 3 credits
Advanced concepts and analysis with a strategic focus on developing marketing plans and programs for business and non-business opportunities while emphasizing applied marketing theories, technological tools, and decision-making processes. Prerequisites: MAR 6815

MAR 6815 Marketing Management 3 credits
Explores managerial aspects of the marketing of goods and services in a global economy. Analysis of operational and strategic planning problems confronting marketing managers. Topics include consumer behavior, target market identification and selection, product development and commercialization, pricing, distribution. Introduces emerging marketing technologies, and reinforces the importance of ethics and social responsibility in the orderly operation of the market system. Prerequisites: MAR 6815

MAR 6849 Services Marketing 3 credits
Focus on understanding the differences between the marketing of tangible and intangible products from both the consumer and provider perspective. Strategies and tactics useful in enhancing service firm competitiveness will be studied. Prerequisites: MAR 6815

MAR 6904 Marketing Internship 3 credits
Experiential learning exercise that will enable students to apply marketing theory to real world situations. Student will gain marketing related knowledge and practical experience in a profit or not-for-profit organization. S/U only. (Permission of department required) Prerequisites: MAR 6815

MAR 6907 Independent Study in Mkt 1 to 3 credits
Individual study and research under faculty direction. Topics vary and are usually selected on an individual basis. Detailed project and/or paper must be completed. (Permission of instructor and department required) Prerequisites: MAR 6815

MAR 6936 Special Topics in Marketing 3 credits
A comprehensive survey of selected contemporary issues and topics in marketing at the graduate level. Individual investigation and reporting emphasized in seminar fashion. Prerequisites: MAR 6815

MAS 2121 Linear Ops & Diff Equations 4 credits
Elements of linear algebra and linear differential equations. Topics include matrices and matrix operations, Gaussian elimination and LU factorization, determinants, vector spaces, basis, independence, orthogonality and Gram-Schmidt process, linear transformations and matrices, differential operators, eigenvalues and eigenvectors, diagonalization, Markov chains, systems of differential equations, matrix methods for systems of DE, Runge-Kutta methods, Laplace transform. Prerequisites: MAC 2312 with a minimum grade of C

MAS 3105 Linear Algebra 3 credits
Introduction to the basic concepts and theorems of linear algebra. Topics include matrices and determinants, matrix operations and canonical factorizations, Gauss-Jordan elimination, vector spaces, linear transformations, basis, independence, orthogonality, eigenvalues and eigenvectors, similarity, diagonalization, and an introduction to Markov chains. Prerequisites: MAC 2313 with a minimum grade of C

MAS 4106 Matrix Analysis 3 credits
Topics include exponential matrices, unitary and positive-definite matrices, QR, polar, and singular value decompositions, matrix norms, perturbation methods for eigenvalues, numerical methods for matrix equations (with error analysis), weighted least squares, Kalman filtering, introduction to Hilbert space. Prerequisites: MHF 2191 with a minimum grade of C and MAS 3105 with a minimum grade of C

MAS 4214 Elementary Number Theory 3 credits
Basic principles of algebraic number theory. Topics include divisibility and residues, congruences, primes, pseudoprimes and primality tests, systems of congruences and Chinese remaindering, multiplicative functions, continued fractions. Prerequisites: MHF 2191 with a minimum grade of C

MAS 4301 Abstract Algebra I 3 credits
Introduction to fundamental concepts of modern algebra. Topics include group axioms, subgroups, Lagrange's Theorem, homomorphism, quotient groups, permutation and symmetry groups, rings, integral domains and fields, rings of polynomials, field of quotients. Prerequisites: MHF 2191 with a minimum grade of C

MAS 4302 Abstract Algebra II 3 credits
Continuation of MAS 4301. Topics include group axioms, subgroups, Lagrange's Theorem, homomorphism and quotient groups, ideals in rings, principal ideal domains and Euclidean domains, quotient rings, fields and extension fields. Emphasis is on skills and topics needed for graduate study in mathematics. Prerequisites: MAS 4301 with a minimum grade of C

MAS 4730 Computational Technology 2 credits
Training in formulating and solving problems with the aid of a computer algebra system. A wide-ranging selection of exercises will be addressed with Maple 10 or a similar system. Prerequisites: MAC 2312 with a minimum grade of C

MAT 1033 Intermediate Algebra 3 credits
Reinforcement and development of algebra skills needed for further study in mathematics. Topics include operations with polynomials and rational expressions, radicals, rational exponents, linear and quadratic equations, linear inequalities, systems of equations, functions, and applications. This course does not count toward completion of FGCU general education or Gordon Rule requirements. Corequisites: MAT 1033L

MAT 1033L Intermediate Algebra Lab 0 credits
Discussion and presentation of issues associated with differentiation and integration of algebraic functions, exponential
and logarithmic functions related to finance and economics. Corequisites: MAT 1033

MAT 4906 Independent Study 1 to 4 credits Individual study by a student under the direction of an instructor. Topics are selected on an individual basis, and cannot duplicate existing FGCU courses. Credit hours may vary. Students must obtain an access code from the instructor in order to register for the course.

MAT 4930 Special Topics 1 to 4 credits Topics of current or special interest. Topics may vary according to interest and needs of instructor and students. Credit hours may vary. Prerequisites may vary depending on the content of the course; students must consult with instructor before registering.

MAT 4937 Senior Seminar 2 credits Senior capstone course involving a variety of problem-solving activities and/or research projects to provide an integrative experience within the discipline. (Senior Standing) Prerequisites:

MAT 4940 Internship 1 to 4 credits MAT 4940 is a practical application of knowledge in an external setting. Credit hours may vary. Departmental approval required. Grading criteria to be jointly determined by supervising faculty member and supervisor at place of employment.

MAT 5932 Special Topics Math 1 to 3 credits Topics of current or special interest. Topics may vary according to interests and needs of students. May be repeated for credit if topics are substantially different from prior offerings. Permission of instructor required to enroll.

MCB 2010C Microbiology with Lab 4 credits Students study the biology of microorganisms. Structure, physiology and ecology of bacteria, algae, viruses, protozoa and lower fungi will be investigated. Prerequisites: BSC 1010C Fee Required

MCB 3020C General Microbiology 4 credits A study of the structure, function and genetics of microorganisms, their relationships in natural and controlled environments emphasizing pathogenic bacteria and their hosts. Laboratory includes isolation, identification and culture techniques of microorganisms and their properties. Prerequisites: CHM 2210C and BSC 1010C Fee Required

MCB 3652C Environmental Microbiology 3 credits Interrelationships between the biological activities of microorganisms and their terrestrial and aquatic environments and the applied effects of microorganisms on the environment and on human activity, health, and welfare. Prerequisites: BSC 1010C with a minimum grade of C and CHM 1045C with a minimum grade of C or (CHM 1045 with a minimum grade of C and CHM 1045L with a minimum grade of C) Fee Required

MCB 4203C Pathogenic Microbiology 3 credits Biologic basis of infectious disease associated with human microbial infections. Topics include host-parasite relationships, virulence mechanisms and antimicrobial agents. Laboratories cover methods of isolation, detection, enumeration and identification of human pathogenic microorganisms. Prerequisites: MCB 3020C or MCB 2010C Fee Required

MCB 4502 Virology 3 credits Introduction to virology including nature, structure, and replication of viral, animal, and plant viruses and subviral particles and the molecular aspects of the viral life cycle that give rise to transmission and pathogenic characteristics in the context of the co-evolution of the virus and host. Prerequisites: MCB 3020C with a minimum grade of C and PCB 3023C with a minimum grade of C

MCB 4507C Virology Mycology Parasitology 3 credits Lecture and laboratory course highlighting medically important viruses, parasites and fungi. Topics include clinical presentation, mechanisms of infection, diagnostic techniques and treatment. Laboratory exercises emphasize culture and identification techniques used to investigate specific human pathogens. Prerequisites: MCB 3020C or MCB 2010C Fee Required

MGF 1106 Finite Mathematics 3 credits A survey course of various topics in mathematics, intended for students pursuing a degree in a nonscience field. Topics will come from the general areas of combinations, probability and statistics, history of mathematics, geometry, set theory, and logic. Prerequisites: MAT 1033 with a minimum grade of C

MGF 1107 General Mathematics 3 credits A survey course of various topics in mathematics, intended for students pursuing a degree in a nonscience field. Topics will come from the general areas of financial mathematics, exponential growth, number systems and number theory, history of mathematics, and graph theory. Prerequisites: MAT 1033 with a minimum grade of C

MHF 2191 Mathematical Foundations 3 credits Introduction to axiomatic systems and techniques of proof, in preparation for upper-level study in mathematics. Topics include: symbolic logic, boolean algebra, set theory, countable and uncountable sets, techniques of proof, functions and relations, mathematical induction, group axioms. Emphasis is on preparing the student to read and write mathematical proofs, and to work with abstract definition and axioms. Prerequisites: MAC 2312 with a minimum grade of C

MHF 4400 Mathematics & Society 3 credits Examination of the role of mathematics as a scientific enterprise promoting the advancement of society. Topics included may vary from semester to semester, but will generally focus on the historical influence of mathematics on the development of civilization, the philosophy of mathematics itself, the ethical issues confronting mathematicians, and the unique nature of the profession as a human endeavor.

MHF 4404 History of Math 3 credits The evolution of mathematical thought and methods from antiquity through the Renaissance. Topics include development of the concepts of number, quantity, and magnitude, algebraic techniques and symbolic notation, solution of polynomial equations, the evolution of the concept of proof, development of numeration systems, history of number theory and congruences, and notions of infinity and infinitesimals. Mathematical ideas and practice in European, African, Mesoamerican, and Asian cultures will be considered. Prerequisites: MAC 2312 with a minimum grade of C

MHF 5405 History of Math 3 credits Development of mathematical concepts of antiquity through the Renaissance, with emphasis on those having the most influence on contemporary mathematical paradigms and practice. Mathematical notions from Western, Mesoamerican,
African, Asian cultures will be considered. Students will be expected to complete an independent research project as part of the course requirements. Permission of instructor required.

MHS 6006  Princ of Counseling Profession  4 credits
Required first course for majors in counselor education; an elective for students in other programs. Counseling as a profession; its philosophical framework; its scope and functions; its organization and administration in various settings.

MHS 6010  Intro to School Counseling  3 credits
To provide students with an overview of the roles, responsibilities, functions, and characteristics of the school counselor within a comprehensive developmental guidance and counseling program.

MHS 6021  Intro to Comm Mental Hlth Coun  3 credits
An introductory course for counselors working in non-school settings. Focus on foundational knowledge, social and cultural foundations, history of the profession, and basic listening skills.

MHS 6055  Lifespan Development II  3 credits
Part II of a 2-part sequence in lifespan development on issues from adolescence to death. In addition to physical, intellectual and emotional growth, the course will also consider changing human contexts across time and the development of healthy sexuality.
Prerequisites: MHS 6055

MHS 6070  Mental Disorders  3 credits
Mental disorders emphasizing recognition of behavioral symptoms and their social and cultural contexts linked to appropriate helping approaches and referral for further diagnosis and treatment.
Prerequisites:

MHS 6200  Appraisal Procedures  3 credits
A study of test and non-test techniques of appraisal with emphasis on the use of test data in counseling programs. Focus will be on integrating data from a variety of sources at individual, small group, and large group levels.
Prerequisites: Fee Required

MHS 6340  Career Development  3 credits
Introduction to career development theory and practices including methods of identifying and delivering career information, counseling, and assessment for career development and decision-making, career programs and services in schools and community organizations, and technology as part of career development methods.
Prerequisites:

MHS 6400  CounsTheory for School Couns  3 credits
Introduction to various counseling theories and techniques as applied to children in the school setting. Further, this course will allow students the opportunity to practice specific techniques in a controlled environment.
Prerequisites: Corequisites:

MHS 6401  Advanced School Counsel Method  3 credits
Students will advance their knowledge and skills to create, coordinate, maintain, and evaluate a balanced, comprehensive developmental school counseling program. Also, this course focuses on the phylogeny and future trends of school counseling as impacted by all stake holders.
Prerequisites: Corequisites:

MHS 6404  Intro to Couns Theory and Tech  3 credits
The study and practice of major theoretical positions in counseling and psychotherapy; implications for research and practice in contemporary social contexts.

MHS 6405  Advanced Counseling Theory  3 credits
An advanced study of counseling approaches, current research, and empirically supported treatment.

MHS 6420  Counseling Spec Population Gps  3 credits
Application of counseling theory to work with clients from special population groups, e.g., students who are, exceptional, ethnic minorities, and at-risk. Each student will select a specific population group for supervised research.

MHS 6428  Cross-cultural Counseling  3 credits
The focus of this course is to help students gain awareness of the ways in which an individuals sense of self, identity, the ways in which they understand others, as well as their conceptions of mental health and well-being are derived from their world-view and prevailing philosophy of life which is shaped by social and cultural norms and values.
Prerequisites: Corequisites:

MHS 6450  Issues in Addictions and Abuse  3 credits
The basis of addictive and abusive behavior in our society from biological, social, cultural, and psychological perspectives for counselors to successfully intervene in the lives of clients impacted by addiction and abuse. Issues pertaining to substances, domestic violence and sexuality will be explored.
Prerequisites:

MHS 6470  Human Sexual Issues Counselor  3 credits
Emphasis includes exploration of various dimensions of human sexuality; dynamics of major individual and societal sexuality issues; theoretical approaches to sexuality counseling.

MHS 6481  Human Dev for School Counselor  3 credits
An examination of theories of human development from conception to the end of life, applying theoretical paradigms to actual children and families through observations, interviews and case studies, and exploring the issues of typical/atypical development, parenthood, and adaptive family life-styles within varying ecological contexts.

MHS 6482  Lifespan/Development  3 credits
Part 1 of a 2-course sequence. Focus on development in infancy and childhood related to physical growth, intellectual and linguistic growth, healthy sexuality, and social/emotional growth. Admission to the Counselor Education program or permission of instructor required.

MHS 6500  Introduction to Group Dynamics  3 credits
An experiential study of group structure, group dynamics, methodology, and leadership models applicable to working with groups in mental health settings. Includes skill building through supervised practice.
Prerequisites:

MHS 6509  Group Couns. Theor. & Pract.  4 credits
An experiential study of group structure, group dynamics, methodology, and leadership models applicable to working with clients in small groups in both school and community settings. Includes skills building through supervised practice.
Prerequisites:

MHS 6510  Adv Thry of Grp Couns and Thpy  3 credits
An advanced study of counseling and therapy groups, re-
search that informs practice in group settings, and models applicable to working with diverse groups in mental health settings. Focuses on developing competencies necessary for independent practice and self-supervision in professional settings.

Prerequisites: MHS 6405

MHS 6530 Grp Wrk for Sch Professionals 3 credits
An experimental study of group structure, group dynamics, methodology, and leadership models applicable to working with groups in school settings. Includes skill building through supervised practice.

Prerequisites:

MHS 6600 Collabor & Consult Prbml Solv 1 credits
Communication skills, problem-solving strategies, ethics, and the models and processes of reading.

Prerequisites:

MHS 6601 Consult & Collabor Prob Solve 3 credits
Consultation theory, models, and practice with an emphasis on collaborative problem solving particularly with educators, other professionals, families, community agency personnel, individually and in groups.

Prerequisites:

MHS 6605 Spec Needs Couns & Counsl 3 credits
Identifying and planning for the special needs of atypical children from age 3 - 18. Explores issues relevant to working with clients from special population groups within educational settings. Particular emphasis is given to children with special needs who may come from families and communities with distinct ethnic, racial or socioeconomic parameters which may prove challenging for schools and school counselors.

Prerequisites:

MHS 6620 Org. Admin and Supv 3 credits
A study of organization behavior and administrative models as applied to community settings addressing mental health and human development in their social and cultural contexts. The course will also review models of clinical supervision and teach requisite skills.

MHS 6700 Legal & Ethical Iss. in Coun. 3 credits
A study of legal, ethical and related professional issues affecting the role and responsibilities of counselors in schools, community agencies, and mental health facilities in social and cultural contexts.

MHS 6710 Research and Prog Evaluation 3 credits
Reviews basic measurement concepts, construction of standardized testing materials, and fundamental descriptive statistics for applied research. A variety of research models will be presented, emphasizing action research and program evaluation in public school settings and community agencies.

MHS 6720 Sem in Prof Dev & Supervision 1 credits
Seminar experience to help transition from University to professional role including professional identity, self-supervision, and lifelong professional learning. Course will meet competencies for Florida Clinical Educator Training Program.

Prerequisites:

Corequisites:

MHS 6800 Practicum in Counseling 2 credits
Supervised individual counseling for integration and application of knowledge and skills gained in didactic study. Application and permission of the program is required.

Prerequisites:

MHS 6805 Adv Practicum in Counseling 3 credits
Advanced practice course in the application of specific counseling skills that require an integration of basic helping skills, counseling theory, and assessment of counselee needs.

Prerequisites:

MHS 6831 Internship I 2 credits
Structured opportunities to observe and practice principles in the field as learned in primary classes.

Corequisites:

MHS 6832 Internship II 3 credits
Structured opportunities to observe and practice principles in the field as learned in primary classes.

Prerequisites: MHS 6500

Corequisites:

MHS 6881 Clinical Internship I 2 credits
Structured opportunities to observe and practice principles in the field as learned in primary classes.

Corequisites:

MHS 6882 Clinical Internship II 2 credits
A structured opportunity to observe principles from primary classes in the field. In addition, opportunity to practice specific counseling skills and interventions will be provided.

Corequisites:

MHS 6883 Clinical Internship III 3 credits
Structured opportunities to observe and practice principles in the field as learned in primary classes.

Corequisites:

MHS 6885 Clinical Internship IV 2 credits
A structured opportunity to observe principles from primary classes in the field. In addition, opportunity to practice specific counseling skills and interventions will be provided.

Corequisites:

MHS 6886 Clinical Internship V 2 credits
A structured opportunity to observe principles from primary classes in the field. In addition, opportunity to practice specific counseling skills and interventions will be provided.

Corequisites:

MHS 6887 Field Experience I 1 credits
A structured opportunity to observe principles from primary classes in the field. In addition, opportunity to practice specific counseling skills and interventions will be provided.

Corequisites:

MHS 6888 Intrm:Prof Dev Mental Hlth Cns 4 credits
Structured opportunities to observe and practice principles in the field as learned in primary classes.

MHS 6905 Individual Study in Counsel Ed 1 to 4 credits

MLS 3038C Essentials of Clinical Lab Sci 3 credits
Lecture and laboratory course introduces students to the principles and practices of Clinical Laboratory Science. Topics include safety, phlebotomy, automation, laboratory mathematics, laboratory information systems, quality assurance, management, education, ethics, professional roles, accreditation and regulation.

Fee Required

MLS 3220C Biological Fluid Analysis 2 credits
Integrated lecture-laboratory course introduces students to the theory and practices underlying the laboratory analyses of various biological fluids. Students perform microscopic and physiochemical testing and correlate laboratory and clinical data to health and disease.

Prerequisites: (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C) or CHM 1046C with a minimum grade of C and BSC 1010C

Fee Required
 MLS 4150  Case Studies Clinical Lab Scie 1 credits  
Students present case studies of current topics in clinical laboratory science. Department permission, acceptance into the Department of Clinical Laboratory Science and senior standing.  
Prerequisites: MLS 3038C

 MLS 4191C  Molecular Diagnostics 3 credits  
Molecular mechanisms of heart disease. Focus is on diagnosis through cytogenetic and nucleic acid molecular technology. Laboratories emphasize basic and clinical techniques of DNA-based diagnostic methods.  
Prerequisites: PCB 3063C  
Fee Required

 MLS 4308C  Hematology/Hemostasis 3 credits  
Study of human blood ontogeny, kinetics, and pathophysiology. Lecture and laboratory integrate theory with application of analytical techniques used to diagnose and monitor hematological disease and disorders of hemostasis.  
Prerequisites: BSC 1010C  
Fee Required

 MLS 4462  Diagnostic VMP 3 credits  
Prerequisites: MCB 2010C with a minimum grade of C or MCB 3020C with a minimum grade of C

 MLS 4505C  Clinical Immunology 2 credits  
Course integrates basic and clinical immunology featuring clinical presentation, immunopathological features, diagnosis and treatment of immunologically related diseases. Laboratories include procedures and diagnostic techniques utilized in a clinical immunology laboratory.  
Prerequisites: PCB 4233C  
Fee Required

 MLS 4550C  Immunohematology & Transfusion 3 credits  
Lecture and laboratory course integrates theoretical concepts and practical application related to the blood donation process, transfusion therapy practice and blood group system biochemistry, genetics and serology.  
Prerequisites: PCB 3063C and PCB 4233C  
Fee Required

 MLS 4627C  Clinical Biochemistry 3 credits  
Relationship and application of biochemistry to the diagnosis, prognosis, and treatment of human disease. Theoretical principles and applications of techniques of proteins, enzymes, carbohydrates, lipids, electrolytes, nitrogen metabolites, inborn errors of metabolism, TDM and toxicology.  
Prerequisites: BCH 3023C  
Fee Required

 MLS 4820C  Clinical Biochemistry Practicum 3 credits  
Advanced practical experience and didactic information in a clinical biochemistry laboratory emphasize chemistry instrumentation, immunochemical analysis, electrophoresis, blood gases, TDM, and toxicology. Departmental permission, acceptance into the Department of EHMCS, and senior standing.  
Prerequisites: MLS 4627C  
Fee Required

 MLS 4821C  Clinical Microbiology Practicum 3 credits  
Advanced practical experience and didactic information in a clinical microbiology laboratory utilizing diagnostic techniques in the identification of pathogenic bacteria, viruses, parasites, and fungi. Department permission, acceptance into the Department of Clinical Laboratory Science and senior standing.  
Prerequisites: MCB 4203C  
Fee Required

 MLS 4822C  Clinical Hematology Practicum 3 credits  
Advanced practical experience in a clinical hematology/hemostasis laboratory includes performance of diagnostic procedures and application of knowledge with emphasis on clinical correlation. Departmental permission, acceptance into the CLS program, and senior standing required.  
Prerequisites: MLS 4308C  
Fee Required

 MLS 4823C  Clinical Immunohematology Practicum 3 credits  
Advanced practical experience in a clinical immunohematology laboratory and perfusion service including compatibility testing, blood transfusion procedures and antibody detection and identification. Clinical experience includes operation and management of a transfusion service and donor center. Departmental permission, acceptance into the Department of Clinical Laboratory Science and senior standing.  
Prerequisites: MLS 4500C  
Fee Required

 MLS 4824C  Clinical Enrichment 1 credits  
Exploration of career opportunities in various laboratory settings including clinical, forensic, cytogenetic, industrial, and public health. Course may be repeated to appreciate different occupational prospects. Departmental permission, acceptance into the CLS program, and senior standing required.  
Fee Required

 MLS 4826C  Clinical Immunology Practicum 2 credits  
Advanced practical experience in a clinical immunology laboratory including diagnostic techniques with emphasis on clinical correlation.  
Prerequisites: MLS 4506C  
Fee Required

 MLS 4910  Directed Independent Research 1 to 4 credits  
Independent research project under faculty direction in Clinical Laboratory Science is investigated. Projects include investigative skills, principles of research application, and rigorous data collection and reporting. Course may be repeated in different research projects. Permission of the instructor is required.  
Fee Required

 MLS 4911L  Research in Molecular Diagnost 4 credits  
Research experience in molecular biology is gained under the guidance and supervision of department faculty in an industrial biotechnology laboratory, molecular diagnostic laboratory or research facility. Departmental permission required.  
Prerequisites: MLS 4191C  
Fee Required

 MLS 4932  Special Topics in CLS 1 to 3 credits  
Topics/focus of Clinical Laboratory Science under faculty direction is investigated. A selected topic, focus or problem in the CLS discipline will be studied. Course may be repeated in different topic area. Permission of the instructor is required.

 MLS 4940C  Biotechnology/Molecular Practi 12 credits  
Practical experience provides application of Molecular Biology in a biotechnology laboratory, molecular diagnostic laboratory or research facility. Departmental permission required. Departmental permission required.  
Prerequisites: PCB 4523C and MLS 4191C
Fee Required

MLS 4950 International Study in Health 1 to 3 credits
International aspects of Clinical Laboratory Science and/or health/medical professions under faculty direction is investigated. This course may include travel to international sites. Course may be repeated in different site or aspect. Permission of the instructor is required.

MMC 3602 Mass Comm & Society 3 credits
A survey of the history, theory processes, and philosophy of mass communications and the mass media in the United States and their relationship to the other major institutions of American society.

MTG 3216 Geom with Lin Algebra 3 credits
Study of Euclidean and non-Euclidean geometries, utilizing techniques of linear algebra. Topics include overview of synthetic geometry, vectors and matrices, linear transformations and isometries, orthogonality, vector space methods in Euclidean and projective geometry, non-Euclidean geometries, applications to computational geometry and computer graphics.
Prerequisites: MAC 2311 with a minimum grade of C

MUE 4210 Music for the Child 3 credits
Methods and materials of infusing music in the elementary classroom.

MUH 2110 Masterworks of Music 3 credits
Survey course of significant musical works from the Middle Ages through the present. Compositions will be studied within the framework of their historical context.
Prerequisites: HUM 2510 with a minimum grade of C

MUT 2116 Music Theory III 3 credits
Introduction to binary and ternary forms. Development of secondary function, simple and complex modulations, borrowed chords, Neapolitan sixth and augmented sixth chords. Prerequisites: MUT 2115 with a minimum grade of C

MUT 1112 Music Theory II 3 credits
Prerequisites: MUT 1111 with a minimum grade of C

MUT 1111 Music Theory I 3 credits
Study of common-practice harmony through analysis and writing. Music fundamentals review, triad and seventh-chord construction, diatonic harmonic progression, SATB voice-leading and chord-connection principles with root-position and first-inversion triads. Development of related compositions, keyboard and improvisation skills. (Advisor approval needed)
Prerequisites: MUT 1001 with a minimum grade of C

MUT 1241 Sight Singing/Ear Training I 1 credits
Development of music reading skills through sight singing; development of aural skills through melodic, rhythmic and harmonic dictation and critical listening. Coordinated with concepts covered in Theory I. Use of music technology lab required.
Prerequisites: MUT 1001 with a minimum grade of C and MUT 1111

MUT 1242 Sight Singing/Ear Training II 1 credits
Development of music reading skills through sight singing; development of aural skills through melodic, rhythmic and harmonic dictation and critical listening. Coordinated with concepts covered in Theory II. Use of music technology lab required.
Prerequisites: MUT 1241 with a minimum grade of C and MUT 1112

MUT 1216 Music Theory III 3 credits
Continuation of common-practice-harmony study with attention to second inversion triads, cadences, phrases and periods, non-chord tones, diatonic seventh chords, secondary dominants and leading-tone chords. Introduction to modulations. Development of related keyboard, composition and improvisation skills.
Prerequisites: MUT 1111 with a minimum grade of C

MUT 1240 University Strings 1 credits
Performance group for string instrumentalists. Open to all qualified university students through audition. Interested students should contact the conductor prior to the beginning of the term. Previous instrumental experience required.

MUT 1310 University Choir 1 credits
A choral group providing specialized study performance opportunities for vocally qualified students. This course may be repeated for a maximum of eight (8) credits. Permission of the instructor is required.
Fee Required

MUS 1010 Recital Attendance 0 credits
Attendance at 70% of the semester’s performance lab, faculty, student or guest recitals or ensemble concerts, with a maximum of 14 per semester.

MUS 1201 Diction I 1 credits
Fundamentals of English, Italian and Latin diction designed for vocal music students, but open to non-music majors. Utilizes the International Phonetic Alphabet.

MUS 1360 Intro to Music Technology 1 credits
Study of computer applications to the study of music, including notation and sequencing software.
Prerequisites: MUT 1111 with a minimum grade of C

MUS 2022 Diction II 1 credits
Fundamentals of German and French diction designed for vocal music students, but open to non-music majors. Utilizes the International Phonetic Alphabet.
Prerequisites: MUS 1201

MUS 4920 Senior Capstone in Music 2 credits
Senior capstone course involving a variety of performance, research and/or service activities to provide an integrative experience within the discipline of music.

MUS 4930 Special Topics in Music 1 to 3 credits
Special Proposals for music topics not in current offerings.
Prerequisites: MUT 1001

MUS 1122 Music Theory II 3 credits
Continuation of common-practice-harmony study with attention to second inversion triads, cadences, phrases and periods, non-chord tones, diatonic seventh chords, secondary dominants and leading-tone chords. Introduction to modulations. Development of related keyboard, composition and improvisation skills.
Prerequisites: MUT 1111 with a minimum grade of C

MUS 2116 Music Theory III 3 credits
Continuation of Theory II. Chromatic harmony including review of secondary function, simple and complex modulations, borrowed chords, Neapolitan sixth and augmented sixth chords. Introduction to binary and ternary forms. Development of related keyboard, composition and improvisation skills.
Prerequisites: MUS 1112 with a minimum grade of C and MUT 1242 with a minimum grade of C
Course Descriptions

MUT 2117 Music Theory IV 3 credits
Continuation of Theory III and introduction to Twentieth-Century musical procedures. Advanced modulation of chromatic harmony. Twentieth Century scales, harmonies, rhythms, and chord successions. Set theory and serial procedures. Includes related keyboard, composition and improvisation skills. Prerequisites: MUT 2116 with a minimum grade of C

MUT 2246 Sight Singing/Ear Training III 1 credits
Development of music reading skills through singing; development of aural skills through melodic, rhythmic and harmonic dictation and critical listening. Coordinated with concepts covered in Theory III. Use of music technology lab required. Prerequisites: MUT 2142 with a minimum grade of C Corequisites: MUT 2116

MUT 2247 Sight Singing/Ear Training IV 1 credits
Development of music reading skills through sight singing; development of aural skills through melodic, rhythmic and harmonic dictation and critical listening. Use of music technology lab required. Prerequisites: MUT 2246 with a minimum grade of C

MVB 1011 Freshman Applied Trumpet 2 credits
Private study in trumpet for freshmen.

MVB 1012 Freshman Applied Horn 1 to 2 credits
Private study in horn for freshman. Previous playing experience required; permission of instructor.

MVB 1013 Freshman Applied Trombone 1 to 2 credits
Private study in trombone for freshman. Previous playing experience required; permission of instructor.

MVB 1014 Freshman Applied Euphonium 1 to 2 credits
Private study in euphonium for freshman. Previous playing experience required; permission of instructor.

MVB 1015 Freshman Applied Tuba 1 to 2 credits
Private study in tuba for freshman. Previous playing experience required; permission of instructor.

MVB 2021 Sophomore Applied Trumpet 1 to 2 credits
Private study in trumpet for sophomores. Two semesters of Sophomore Applied Trumpet, MVB 1011, with a C or better. Prerequisites: MVB 1011 with a minimum grade of C

MVB 2022 Sophomore Applied Horn 1 to 2 credits
Private study in horn for sophomores. Two semesters of Freshman Applied Horn with a C or better. Prerequisites: MVB 1012 with a minimum grade of C

MVB 2023 Sophomore Applied Trombone 1 to 2 credits
Private study in trombone for sophomores. Two semesters of Freshman Applied Trombone with a C or better. Prerequisites: MVB 1013 with a minimum grade of C

MVB 2025 Sophomore Applied Tuba 1 to 2 credits
Private study in tuba for sophomores. Two semesters of Freshman Applied Tuba with a C or better. Prerequisites: MVB 1015 with a minimum grade of C

MVB 2424 Sophomore Applied Euphonium 1 to 2 credits
Private study in euphonium for sophomores. Two semesters of Freshman Applied Euphonium with a C or better. Prerequisites: MVB 1014 with a minimum grade of C

MVK 1011 Freshman Applied Piano 1 to 2 credits
Private study in Piano for freshman.

MVK 1111 Class Piano I 1 credits
Beginning study in piano in a class environment. Designed to begin to develop the basic keyboard skills needed to pass the common prerequisite piano proficiency exam. Topics include scales, basic chord progressions and simple sight reading, transposition, harmonization and improvisation. (Advisor approval needed) Prerequisites: MUT 1001

MVK 1112 Class Piano II 1 credits
Advanced beginning study in piano in a class environment. Designed to begin to develop the basic keyboard skills needed to pass the piano proficiency exam. Topics include scales, diatonic chords, harmonic progressions, melody harmonization using diatonic chords and secondary dominants, sight reading, simple transpositions, clef reading and repertoire memorization. Prerequisites: MVK 1111 with a minimum grade of C

MVK 2021 Sophomore Applied Piano 1 to 2 credits
Private study in piano for sophomores. Two semester of Applied Piano, MVK 1011, with a C or better. Prerequisites: MVK 1011 with a minimum grade of C

MVK 2121 Class Piano III 1 credits
Continuing study of beginning study in piano in a class environment. Designed to develop the basic keyboard skills needed to pass piano proficiency exam. Topics include major and minor scales, diatonic chords, harmonic progressions, melody harmonization using diatonic chords and secondary dominants, sight reading, simple transpositions, clef reading and repertoire memorization. Prerequisites: MVK 1112 with a minimum grade of C

MVK 2122 Class Piano IV 1 credits
Advanced undergraduate class piano study to prepare students to pass the Piano Proficiency Examination. Topics include scales, chord progressions, sight reading, transposition, harmonization, and improvisation. MVK 2121 (C) is required with a C or better or placement by Piano Faculty. Prerequisites: MVK 2121 with a minimum grade of C

MVK 3231 Junior Applied Piano 1 to 2 credits
Private study in piano for juniors. Two semesters of Sophomore Applied Piano with a C or better are required.

MVK 4241 Senior Applied Piano 1 to 2 credits
Private study in piano for seniors. Two semesters of MVK 3231 with a C or better. Prerequisites: MVK 3231 with a minimum grade of C

MVP 1311 Freshman Applied Percussion 1 to 2 credits
Private study in percussion for freshmen. Previous playing experience required.

MVP 2321 Sophomore Applied Percussion 1 to 2 credits
Private study in percussion for sophomores. Two semesters of
### Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MVW 1011</td>
<td>Freshman Applied Violin</td>
<td>1-2 credits</td>
<td>Previous playing experience required; permission of instructor.</td>
</tr>
<tr>
<td>MVW 1012</td>
<td>Freshman Applied Viola</td>
<td>1-2 credits</td>
<td>Previous playing experience required; permission of instructor.</td>
</tr>
<tr>
<td>MVW 1013</td>
<td>Freshman Applied Cello</td>
<td>1-2 credits</td>
<td>Previous playing experience required; permission of instructor.</td>
</tr>
<tr>
<td>MVW 1014</td>
<td>Freshman Applied Guitar</td>
<td>1-2 credits</td>
<td>Previous playing experience required; permission of instructor.</td>
</tr>
<tr>
<td>MVW 2021</td>
<td>Sophomore Applied Violin</td>
<td>1-2 credits</td>
<td>Previous study in violin for sophomores. Two semesters of Freshman Applied Violin, MVW 1011, with a C or better.</td>
</tr>
<tr>
<td>MVW 2022</td>
<td>Sophomore Applied Viola</td>
<td>1-2 credits</td>
<td>Previous study in viola for sophomores. Two semesters of Freshman Applied Viola with a C or better.</td>
</tr>
<tr>
<td>MVV 1011</td>
<td>Freshman Applied Voice</td>
<td>2 credits</td>
<td>Previous study in voice for freshman.</td>
</tr>
<tr>
<td>MVV 2021</td>
<td>Sophomore Applied Voice</td>
<td>1-2 credits</td>
<td>Previous study in voice for sophomores. Prerequisite: Two semesters of Freshman Applied Voice MVV 1011, with a C or better.</td>
</tr>
<tr>
<td>MVV 2022</td>
<td>Sophomore Applied Violin</td>
<td>1-2 credits</td>
<td>Previous study in violin for sophomores. Two semesters of Freshman Applied Violin, with a C or better.</td>
</tr>
<tr>
<td>MVW 1011</td>
<td>Freshman Applied Flute</td>
<td>2 credits</td>
<td>Previous study in flute for freshman.</td>
</tr>
<tr>
<td>MVW 1013</td>
<td>Freshman Applied Clarinet</td>
<td>1-2 credits</td>
<td>Previous study in clarinet for freshman.</td>
</tr>
<tr>
<td>NGR 5940C</td>
<td>Clinical Practicum I</td>
<td>1 credit</td>
<td>Application of theories in perioperative nursing to the delivery of anesthesia in the clinical setting.</td>
</tr>
<tr>
<td>NGR 5941C</td>
<td>Clinical Practicum II</td>
<td>1 credit</td>
<td>Delivery of basic anesthesia nursing care including regional techniques to clients in a variety of clinical settings.</td>
</tr>
<tr>
<td>NGR 5942C</td>
<td>Clinical Practicum III</td>
<td>1 credit</td>
<td>Delivery of perioperative nursing to children, childbearing mothers and elders.</td>
</tr>
<tr>
<td>NGR 5943C</td>
<td>Practicum IV</td>
<td>2 credits</td>
<td>Delivery of advanced nursing care to clients in a variety of settings. Student practice includes on call experience.</td>
</tr>
<tr>
<td>NGR 5944C</td>
<td>Practicum V</td>
<td>2 credits</td>
<td>Anesthesia management of clients with post-operative and chronic pain.</td>
</tr>
<tr>
<td>NGR 5945C</td>
<td>Practicum VI</td>
<td>3 credits</td>
<td>Delivery of advanced anesthesia nursing care to clients in specialty areas.</td>
</tr>
<tr>
<td>NGR 5946C</td>
<td>Clinical Practicum VII</td>
<td>6 credits</td>
<td>This course is being added to comply with recently issued new standards for accreditation of nurse anesthesia programs that increase case requirements from current 450 cases to a minimum of 550 cases with 650 cases being preferred.</td>
</tr>
<tr>
<td>NGR 5947C</td>
<td>Health Appraisal/Interpretation</td>
<td>4 credits</td>
<td>Collection and synthesis of client database and differential diagnosis of common client problems. Using critical thinking and a holistic lifespan approach, students interpret, analyze, and document alterations in health to serve as a basis for client management.</td>
</tr>
<tr>
<td>NGR 5948C</td>
<td>Synthesis Seminar</td>
<td>2 credits</td>
<td>Comprehensive review of preparation for national certification examination.</td>
</tr>
<tr>
<td>NGR 5949C</td>
<td>Physiological Alterations</td>
<td>3 credits</td>
<td>Study of advanced anatomy and physiology, with emphasis on the body’s homeostasis mechanisms and their aberrant function.</td>
</tr>
<tr>
<td>NGR 5950C</td>
<td>Advanced Principles of Anesthesia I</td>
<td>3 credits</td>
<td>Perioperative management for childbearing women, children, and seniors.</td>
</tr>
<tr>
<td>NGR 5951C</td>
<td>Advanced Principles of Anesthesia II</td>
<td>3 credits</td>
<td>An in-depth study of perioperative management of patients...</td>
</tr>
</tbody>
</table>
experiencing cardiovascular, respiratory, endocrine, renal, hepatic, and neurological disease and traumatic injury. 
Prerequisites: NGR 6092 and NGR 6149 and NGR 6173

NGR 6149 Advanced Pathophysiology I 1 credits 
Study of advanced pathophysiology with emphasis on the body’s homeostasis mechanisms and their aberrant function. 
Prerequisites: NGR 6141 
Corequisites: NGR 5943C, NGR 6811

NGR 6173 Pharmacology of Adjuvant Drugs 3 credits 
Study of the pharmacokinetic, pharmacodynamic, and clinical use of adjuvant drugs in the perioperative management of anesthesia administration. 
Prerequisites: NGR 6174 and NGR 6140

NGR 6174 Pharmacology of Anes Agents 3 credits 
Study of pharmacokinetic, pharmacodynamic, and clinical use of anesthesia agents in the perioperative management of anesthetic drugs. 
Corequisites: NGR 6011

NGR 6192 Advanced Therapeutics 3 credits 
In-depth study of pharmacotherapeutics using an integrative approach to examine the use and efficacy of traditional and complementary drug therapies used in advanced practice nursing.

NGR 6195 Global Trends & Practice Persp 3 credits 
Comprehensive examination of global trends and issues with implications for shaping health care delivery and improving global health outcomes.

NGR 6215C Primary Health Care V 3 credits 
Focus is on models for advanced nursing and health care management of acute health alterations in the adult population. 
Prerequisites: NGR 6002C with a minimum grade of B and NGR 6192 with a minimum grade of B and NGR 6240C with a minimum grade of B

NGR 6240C Primary Health Care I 5 credits 
Theoretical and practice bases for providing primary health care to adults in the community. Emphasis is on advanced practice nursing strategies for promotion and maintenance of health and management of adult health needs. 
Prerequisites: NGR 6002C and NGR 6141 and NGR 6740 
Corequisites: NGR 6192 
Fee Required

NGR 6252C Primary Health Care IV 6 credits 
Incorporation and integration of all components of the primary health nurse care practitioner role developed in preceding courses with further refinement of advanced practice knowledge and competency with emphasis on the older adult. 
Prerequisites: NGR 6192 and NGR 6240C and NGR 6741C 
Fee Required

NGR 6330C Primary Health Care III 3 credits 
The course focuses on strategies for health promotion, maintenance and prevention of common health problems and management of alterations in children and aggregate populations. 
Prerequisites: NGR 6192 and NGR 6240C

NGR 6712 Foundations of Nursing Educ. 3 credits 
Exploration of nursing education within a broad context related to history, philosophy and the principles of adult-learning theory.

NGR 6713 Design&Eval of Nurs Curricula 3 credits

Emphasis is on the role of the nurse educator in developing program outcomes, and designing and evaluating nursing curricula that reflect contemporary health care trends in which graduates are prepared to practice in a complex, dynamic, multicultural health care environments. 
Prerequisites: NGR 6002C and NGR 6141 and NGR 6740

NGR 6714 Teaching&Assess Strat in Nag Edu 3 credits 
Emphasis is on attainment of nurse educator competencies in developing and implementing teaching and assessment strategies used in classroom, laboratory, and clinical settings to enhance the achievement of learner outcomes. 
Prerequisites: NGR 6002C and NGR 6141 and NGR 6740

NGR 6731 Entrepreneurship 2 credits 
Synthesis and practical application of entrepreneurial strategies for advanced practice.

NGR 6740 Concepts/Roles of Adv Practice 3 credits 
Examination of professional, organizational, legal, ethical, political, and economic influences on advanced nursing. Standards and scope of practice are explored.

NGR 6741C Primary Health Care II 3 credits 
The course focus is on strategies for health maintenance and prevention of common health problems and management of health alterations in women and aggregate populations. 
Prerequisites: NGR 6240C and NGR 6192 
Fee Required

NGR 6770 Clin Nur Leadership & Advocacy 3 credits 
Focus is on enhancement of knowledge and skills needed for decision-making and critical thinking in integrating nursing leadership roles, management functions, and advocacy. 
Prerequisites: NGR 6002C and NGR 6192 and NGR 6240C

NGR 6773L Clinic Nurse Leader Practicum 2 credits 
Focus of the practicum is for immersion experience in full-time practice in the Clinical Nurse Leader role. All course work for the CNL must be completed prior to enrolling in this practicum course. As this is a graduate level competency-based course, all competencies must be satisfactorily accomplished.

NGR 6811 Scholarly Inquiry 3 credits 
In-depth examination, evaluation, and application of questions, methods, designs, and frameworks for scholarly inquiry.

NGR 6872 Nursing Information Management 3 credits 
Focus is on analysis of nursing information requirements, design of system management technology, identification and implementation of user-training strategies and evaluation of effectiveness of clinical nursing and/or management information systems in client care. 
Prerequisites: NGR 6002C with a minimum grade of B and NGR 6192 with a minimum grade of B and NGR 6240C with a minimum grade of B

NGR 6905 Independent Study in Nursing 1 to 6 credits 
Directed, individualized study of a current concept, problem, or issue pertaining to nursing.

NGR 6930 Special Topics in Nursing 1 to 6 credits 
Examination of advanced topics in nursing. The course may be repeated for different topic areas, and content may vary.

NGR 6941L Nurse as Educator Practicum 3 credits 
Experiential learning experiences focusing on design, delivery, and evaluation of educational strategies in selected environments. 
Prerequisites: NGR 6712 and HSC 6258 and HSC 6715 or
NUR 3065C Hlth Assess: Basis Prof Pract  3 credits
Holistic, critical thinking approach to health assessment as a basis for planning culturally congruent nursing care for individuals across the lifespan, and laboratory settings.
Prerequisites: BSC 1085C with a minimum grade of C and BSC 1086C with a minimum grade of C and NUR 3125
Corequisites: NUR 3065C
Fee Required
NUR 3105C Caring Scholar Clinician  5 credits
Foundational course emphasizing professional role development in nursing. The interrelationships of nursing concepts, theory, research and practice as a basis for understanding nursing as a discipline are explored.
Prerequisites: Corequisites: NUR 3065C, NUR 3125
Fee Required
NUR 3125 Physio Responses Alter Health  3 credits
Basic concepts underlying pathological processes and physiological responses to environmental, sociocultural, genetic, lifestyle, and developmental factors are examined with emphasis on practical application from an interdisciplinary and holistic perspective.
Prerequisites: BSC 1085C with a minimum grade of C and BSC 1086C with a minimum grade of C
NUR 3145 Pharm, Herbal & Nutr Therapies  3 credits
Holistic nursing approach to understanding the most commonly used pharmacological, herbal, and nutritional therapies along with concepts of polypharmacy and polytherapy.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C
NUR 3465C Pop-Based Care: Spec Pops  6 credits
Focus on nursing care of women and children during life transitions from prenatal care, the birthing process, early infancy, childhood and adolescence.
Prerequisites: NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C and NUR 3125 with a minimum grade of C and NUR 3145 with a minimum grade of C and NUR 4756C with a minimum grade of C and NUR 3525C
Fee Required
NUR 3525C Pop Based Care: Men Hlth Nurs  3 credits
Introduction to holistic mental health nursing that synthesizes biological, psychosocial, cultural, and spiritual concepts related to care of patients and families across the lifespan.
Prerequisites: NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C and NUR 3125 with a minimum grade of C
Corequisites: NUR 3145
NUR 3935 Nursing Elective  3 credits
In-depth examination of a current or emerging topic or issue in nursing. This course may be repeated for credit for different topics.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C
NUR 4041 Caring Scholar Clinician Role  3 credits
Emphasizes professional role socialization within the discipline through examination of nursing concepts, philosophy, theory, research, and practice interrelationships.
NUR 4043C Issues and Leadership  5 credits
Examination of professional issues and nursing leadership within a changing health care climate. The interrelationships between selected facets of health care are explored in conjunction with moral development, ethical decision-making and leadership in nursing.
Prerequisites: NUR 4041
NUR 4636C Community Partnered Care  5 credits
Focus on nursing role in promoting health of individuals and communities within the context of public and community health policies and legislation.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3145 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 4756C with a minimum grade of C and NUR 3525C and NUR 3105C with a minimum grade of C
Fee Required
NUR 4756C Pop Based Care:Vulnerable Pops5 credits
Introduction to nursing care of adults with common acute and chronic health conditions.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C
Corequisites: NUR 3145
Fee Required
NUR 4767C Crisis Based Care  5 credits
Nursing care of adults with complex acute and chronic health conditions.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3145 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 4756C with a minimum grade of C and NUR 3525C and NUR 3105C with a minimum grade of C
Fee Required
NUR 4826C Issues Based Care  5 credits
Issues and dilemmas faced by nurses within a health care climate are explored along with moral development and ethical decision making in nursing practice.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C and NUR 3145 with a minimum grade of C and NUR 4756C with a minimum grade of C and NUR 3525C
Fee Required
NUR 4905 Directed Independent Study  1 to 6 credits
Individualized pursuit of a selected topic.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C
NUR 4930 Special Topics in Nursing  1 to 6 credits
Examination of topics of current or special interest in nursing. The course may be repeated for different topic areas, and content may vary.
Prerequisites: NUR 3125 with a minimum grade of C and NUR 3065C with a minimum grade of C and NUR 3105C with a minimum grade of C
NUR 4948L Senior Nursing Practicum  3 credits
Preceptoried clinical practice experience providing opportunity for synthesis of critical thinking, communication, health promotion, cultural connectedness and caring in nursing practice.
Fee Required
OCB 4043C Marine Ecology  3 credits
Investigates the interactions of biotic (living) and abiotic (nonliving) factors in a marine setting. Diverse environments such as sea grasses, mud flats, coral and mussel reefs, and the
impact of pollution will be examined. Prerequisites: BSC 1011C with a minimum grade of C

OCB 4633C Marine Ecology 3 credits
Investigates the interactions of biotic (living) and abiotic (non-living) factors in a marine setting. Diverse environments such as sea grasses, mud flats, coral and mullusc reefs, and the impact of pollution will be examined. Prerequisites: BSC 1011C with a minimum grade of C

OCB 6635 Estuarine Ecology 3 credits
Ecological examination of estuarine systems. Treatment will include: estuarine organisms and their adaptations; community structure and dynamics; and human impact on estuarine systems. Course structure includes lecture and review and discussion of relevant literature. Prerequisites: PCB 3043C with a minimum grade of B

OCB 6646 Marine Biogeography 3 credits
Examination of the geographical distribution of animals in the marine environment. Treatment will include historical as well as contemporary biogeography, biogeography of the major benthic and pelagic realms of the oceans, and the relationship between geographic patterns and evolution.

OCB 6931 Special Topics in Ichthyology 1 to 4 credits
Examines the phylogenetic relationships and evolutionary trends among major groups of both extinct and modern fishes. Fish physiology, ecology, zoogeography and evolution are examined using the primary literature. Prerequisites: BSC 1011C with a minimum grade of B

OCC 4002C Marine Chemistry 3 credits
This course will focus on the chemical composition of seawater, seawater carbonate system, nutrients, trace elements and biogeochemistry. Prerequisites: OCE 3008C with a minimum grade of C and (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C) or CHM 1045C with a minimum grade of C

OCC 5115C Advanced Marine Chemistry 3 credits
Focus on the chemical composition of seawater, carbonate system, nutrients, trace elements and biogeochemistry. (Permission of instructor required)

OCE 1001C Marine Systems 3 credits
Interdisciplinary introduction to the study of the world's oceans. Students become acquainted with basic scientific and oceanographic concepts through a hands-on exploration of the marine environments of Southwest Florida. Topics may include the role of the oceans in determining weather and climate; environmental stress and marine mammals; building on moving beaches; and estuaries nurseries of the sea. Lecture, laboratory and field experiences are fully integrated in this general education course designed primarily for students with a concentration other than in the natural sciences. Fee Required

OCE 3003C Physical Oceanography 3 credits
Describes physical processes influencing the oceans and coastal environments, the interaction of the ocean with the atmosphere, and the distribution of oceanic winds, currents, heat fluxes and water masses. Prerequisites: OCE 3008C

OCE 3008C Oceanography 3 credits
A systems approach to the study of the world's oceans integrating elements of biological, chemical, geological and physical oceanography. Examination of basic oceanographic principals and processes, with a focus on marine ecosystems of Southwest Florida. Prerequisites: BSC 1010C or BSC 1011C and (CHM 1045 with a minimum grade of C and CHM 1045L with a minimum grade of C) or CHM 1045C with a minimum grade of C Fee Required

OCG 6053 Coastal & Watershed Geol 3 credits
Considers those geological and hydrological processes that occur at the Earth's surface. Topics include: physical and chemical weathering, soil formation, sedimentology and stratigraphy, geomorphology and physiography, surface and groundwater hydrology, and human-induced effects and environmental problems.

OCP 3002C Physical Oceanography 3 credits
Describes physical processes influencing the oceans and coastal environments, the interaction of the ocean with the atmosphere, and the distribution of oceanic winds, currents, heat fluxes and water masses. Prerequisites: OCE 3008C

ORH 2220C Turfgrass Mgt Operations 3 credits
Course is designed to develop proficiency in the understanding and oral communication of literature and other written materials including learning the phonetic alphabet and transcription and voice, diction, and the oral interpretation of poetry, prose and dramatic readings. A prerequisite course of SPC 2023 is recommended but not required.

OTH 3000 Defining Occupational Therapy 3 credits
Learn the history, philosophy, evolution, and core values of occupational therapy across practice settings. The Occupational Performance Process Model, professional behaviors, ethical issues, and roles of occupational therapists and certified occupational therapy assistants are introduced. Corequisites:

OTH 3012C Dynamics of Communication 3 credits
Introduction to self-awareness, interpersonal communication, and group dynamics for effective communication with clients, families, and healthcare professionals. Communication skill and group dynamics are experienced and processed through personal reflection, experiential labs, and fieldwork experiences. Corequisites: Fee Required

OTH 3016 Theoretical Approaches 2 credits
Theoretical approaches for today's occupational therapy practice are defined and compared. Case studies provide students opportunities to determine which theories will guide the occupational therapist's choice of assessment tools and therapeutic interventions. Prerequisites: Fee Required

OTH 3220C Occupation Performance Issues 3 credits
Typical and atypical physical and psychosocial development from birth through adolescence is presented. A client-centered screening process, identifying the client's occupational roles and occupational performance issues is emphasized. Prerequisites:
Fee Required

OTH 3221C Indent. Occ. Perform: Adult 3 credits
Typical and atypical human maturation from early through late adulthood is presented, along with physical and psychosocial conditions. A client-centered screening process that identifies occupational performance issues is further developed. Theoretical approaches and screening tools are identified.
Prerequisites:
Corequisites:
Fee Required

OTH 3413C Applied Kinesiology 3 credits
Gain an understanding of the physiological, neurological, structural, and mechanical components underlying human movement. Develop basic assessment skills related to musculoskeletal function.
Prerequisites: OTH 3417C
Fee Required

OTH 3417C Gross Human Anatomy 4 credits
Explores the regional and functional anatomy of the human body in both the lecture and laboratory format with the emphasis on its application to the practice of occupational therapy. The subject content of this course is divided into four units; lower extremity; back and upper extremity; thorax; abdomen and pelvis; and head and neck. Laboratory activities are designed to enhance the lecture topics and consist of studies of pre-dissected cadavers, prosected tissues, radiographs, bone sets, models, videotapes, and CD-ROM computer programs. Admission to the occupational therapy program or departmental approval is required for enrollment.
Fee Required

OTH 3429C Neuroanatomy Hum. Nerv. Syst. 3 credits
Structural organization of human central nervous system, major features of brain and spinal cord, and functional relationships between these structures are identified in depth, to form the basis for clinical application. Prosected specimens and models are used.
Prerequisites: OTH 3417C
Fee Required

OTH 4109C Assistive Technologies 2 credits
Explore the assessment, prescription, and modification of assistive technologies used to overcome occupational performance deficits. Learn basic environmental assessment tools and strategies. Fabrication and/or modification of assistive devices are practiced.
Prerequisites:
Corequisites:
Fee Required

OTH 4224C Ass’mt Occupat. Performance I 3 credits
Assessments are used to evaluate the client's occupational performance components, across the lifespan, to include: physical, cognitive, psychosocial, physical, cognitive, psychosocial, perceptual, and sensory-motor. Psychometric properties of assessments, analysis and synthesis of results and ethical decision-making are emphasized.
Prerequisites:
Fee Required

OTH 4225C Ass’mt Occupat. Performance II 3 credits
Students refine their evaluation and documentation skills, including: analysis and synthesis of assessment, ethical decision-making, comprehensive evaluation of a client’s occupational performance.
Prerequisites:
Corequisites:
Fee Required

OTH 4230 Action Plan: Eval to Outcomes 2 credits
Students develop action plans that are based on results of the screening/evaluation process related to the client’s occupational performance needs, supported by chosen theoretical approaches, and include measurable goals. Task analysis skills are developed.
Prerequisites:
Corequisites:

OTH 4232C Implementation & Evaluation 6 credits
Selection and implementation of tasks and activities, and use of other therapeutic interventions appropriate to chosen theoretical framework and action plan developed. Evaluation of client outcomes, review of occupational performance process, and ethical decision-making are emphasized.
Prerequisites:
Corequisites:
Fee Required

OTH 4583 Occupation & Activity 4 credits
Exploration of occupational science concepts and their application to wellness. Introduction to activity analysis and its use with individuals and groups in community settings.
Fee Required

OTH 4724 Community Practice Seminar 2 credits
Explores the role of occupational therapy interventions in community settings. Proposals are developed by students to suggest occupation-based programs or occupational therapy services that support desired outcomes of social service agencies in the community.

OTH 4845 Fieldwork Level II 3 credits
Seven week, full-time internship in a clinical or community setting under the direct supervision of an Occupational Therapist, Registered (OTR). Includes pre-fieldwork seminars and a portfolio.
Prerequisites:

OTH 4846 Fieldwork Level II 3 credits
Eight week, full-time internship in a clinical or community setting different from the first internship. Completed under the direct supervision of an Occupational Therapist, Registered (OTR).
Prerequisites:

OTH 4847 Fieldwork Level II 3 credits
Nine week, full-time internship in a clinical or community setting different from the first two internships. Completed under the direct supervision of an Occupational Therapist, Registered (OTR).
Prerequisites:

OTH 4932 Special Topics Seminar 1 to 4 credits
This course is designed around topics that are reflective of current health care needs related to occupational therapy practice. Topics are developed around instructor expertise with student input considered.

OTH 5817 Advancing Prac in Elder Care 3 credits
Use of tools for self-directed learning, and application of evidence-based and occupation-centered practice with elders. Students will identify specific goals for learning and apply new knowledge to work in their current practice settings.

OTH 6002 OT History and Foundations 2 credits
History, philosophy, evolution, and core values of occupational therapy. The Occupational Therapy Framework, professional behaviors, ethical issues, and roles of occupational therapists and certified occupational therapy assistants are introduced.
May be waived for students with equivalent undergraduate coursework in occupational therapy.

OTH 6009 Theory in Occupational Therapy 3 credits
Comprehensive study of theory underpinning current occupational therapy practice; clinical reasoning; application of theory in context.

OTH 6018 Professional Practice 3 credits
Introduction to skills for management of client's physical and occupational needs. Includes analysis of activity, therapeutic use of activity, therapeutic use of self, and basics of documentation.

OTH 6026 Group Process and Management 3 credits
Theory and practice of group dynamics; development of self-awareness and interpersonal communication skills necessary for successful management of therapeutic groups.

OTH 6106C Technology in Practice 3 credits
Examination of assistive technology and applications to enhance performance and prevent injury; analysis of need for assistive devices or environmental modification; application of technology in context; exploration of computer technology to enhance occupational therapy intervention.
Prerequisites: OTH 6226C
Fee Required

OTH 6226C Evaluation of Perform Issues I 3 credits
Comprehensive study of evaluation processes in occupational therapy using a top-down approach; assessments of occupational performance within developmentally appropriate contexts; assessment of occupational performance within developmentally appropriate contexts; assessment of performance skills and patterns.
Fee Required

OTH 6227C Evaluation of Performance II 3 credits
Continuation of OTH 6224. Assessments of occupational performance within developmentally appropriate contexts; specialized assessments for distinct populations; assessment of performance in areas of occupation.
Prerequisites: OTH 6226C
Fee Required

OTH 6235C OT Interventions I 3 credits
Selection and implementation of therapeutic interventions consistent with occupational therapy theory as applied in specific context. Evaluation of client outcomes, review of occupational performance process, and ethical decision-making are emphasized.
Prerequisites: OTH 6536C and OTH 6605C
Fee Required

OTH 6236C OT Interventions II 3 credits
Continuation of OTH 6232C. Selection and implementation of therapeutic interventions consistent with occupational therapy theory as applied in specific context. Evaluation of client outcomes, review of occupational performance process, and ethical decision-making are emphasized.
Fee Required

OTH 6414C Applications in Human Anatomy 1 credits
Lab experience to further develop human anatomy and neuroanatomy knowledge base using various learning aids, including computer images, models, human tissue specimens, and cadaver examination. Clinical applications will be explored through case studies.

OTH 6415C Human Motion in Activity 3 credits
Analysis of human movement incorporating mechanical, biophysical, and behavioral factors. Basic skills in assessment of motor performance are developed.

Fee Required

OTH 6536C Occ. Performance Issues I 3 credits
Examination of infant through adolescent development of motor, process and interaction skills; occupational performance issues and patterns related to atypical development or disease; impact of an individual's developmental and occupational performance needs on the family.

OTH 6605 Community, Wellness and Health 3 credits
Analysis of readings to identify role of occupation in aging well, from the solitary to the community levels; students will develop, plan marketing, and design outcomes evaluation of well and health promotion programs for elders.
Prerequisites: OTH 5817 with a minimum grade of B

OTH 6605C Occ. Performance Issues II 3 credits
Examination of typical changes in motor, process and interaction skills due to aging and disease processes, relationships to successful occupational performance patterns throughout adulthood, implications for changes in occupational performance and impact of changes on family.

OTH 6645 Chronic Conditions 3 credits
In-depth exploration of advanced OT roles in facilitating health and interdependence in elders with chronic conditions; extensive study of the latest adaptations, technologies and partnerships utilized to enable such elders to age in place.
Prerequisites: OTH 5817 with a minimum grade of B

OTH 6707 Management & Supervision in OT3 credits
Program planning, budgeting and evaluation; supervision of occupational therapy personnel; engagement in professional associations and promotion of occupational therapy.

OTH 6725 Community Practice Seminar 3 credits
Explores the role of occupational therapy in community settings. Students develop proposals for occupation-based or occupational therapy services that support desired outcomes of service agencies the community. Field experience included.
Prerequisites: OTH 6226C

OTH 6751C Outcomes Research 3 credits
Applied research in occupational therapy. Critical analysis of published research, development of a research proposal, and planning for the implementation of a research project.

OTH 6780 Apprenticeship 3 credits
Students will conduct a project to develop programming for a cooperating community agency or assist with ongoing research under the supervision of faculty and/or an appropriate community member. Projects will vary.
Prerequisites: OTH 5817 with a minimum grade of B

OTH 6840 Level I Fieldwork A 1 credits
Fieldwork placement in a clinical or community setting; students observe clinical practice and develop clinical skills under supervision of an occupational therapy practitioner; documentation skills are further refined.

OTH 6841 Level I Fieldwork B 1 credits
Fieldwork placement in a setting different from the first; students observe clinical practice and develop clinical skills under the supervision of an occupational therapy practitioner; documentation skills are further refined.
Prerequisites: OTH 6227C and OTH 6236C

OTH 6845 Level II Fieldwork A 6 credits
Twelve-week, full-time fieldwork placement in a clinical or
community setting under the direct supervision of a licensed and/or registered occupational therapist. Includes pre-fieldwork seminars, a portfolio, and web board discussions.

**PAD 3846** Level II Fieldwork B 6 credits
Twelve-week, full-time fieldwork placement in a setting different from the first internship (in service delivery context or population) under the direct supervision of a licensed and/or registered occupational therapist. Includes web board discussions.

**PAD 3847** Level II Fieldwork C 3 credits
Optional six-week, full-time fieldwork placement in a setting different from the required fieldwork placements (in service delivery context or population) under the direct supervision of a licensed and/or registered occupational therapist. Include web board discussions.

**OTh 6845 and OTh 6846** Directed Study 3 credits
Student group carry out research planned in OTH 6772. Outcomes Research, under the supervision of a faculty advisor, and write an article of publishable quality according to manuscript guidelines of an occupational therapy publication appropriate for research.

**OTh 6936** Special Topics in OT 3 credits
Current issues, selected problems, or specialized areas of practice in occupational therapy are examined. Topics vary according to practice trends and study/faculty interest. Course may be repeated for different topics.

**OTh 6973C** Project Implementation 1 credits
Continuation course to implement research protocols in OTH 6751C. Outcomes Research; students will participate at selected community sites under the supervision of a faculty mentor and a designated member of the community agency staff; schedule and site varies with the project assignment.

**OTh 6845 and OTh 6846** Directed Study 3 credits

**PAD 3100** Org Behavior in PSM 3 credits
Examines the dynamics of public organizations; including the impacts of individual behavior, structure, culture, and politics on performance.

**PAD 3712** Public Service Info Technology 3 credits
Public Service Information Technology examines the issues related to managing digital technology in the public sector. Introduces students to e-government applications; including planning, procurement, implementation, evaluation, and limitations of information technologies.

**PAD 3723** Res Meth & Qual Anal 3 credits
Introduction to methods and techniques of research used in public services. Topics include choices for choosing appropriate research methods, tools for research design and data collection techniques.

**PAD 3810** State & Local Public Admin 3 credits
An introduction to public administration at the state and local levels of government. Prerequisites: ENC 1102 with a minimum grade of C

**PAD 3820** Public Saf Sys Integ 3 credits
Examines the issues of public safety systems within a fragmented public services environment.

**PAD 3870** Pub. Admin. Super. I 3 credits
Enhances levels of interpersonal communications skills. Identifies leadership skills, traits, and personal leadership styles. Promotes ability to identify personnel and material requirements in public safety. Provides methods of planning for public safety issues in routine and specialized situational response.

**PAD 3871** Pub. Admin. Super. II 3 credits
Provides methods of dealing with problem personnel through progressive discipline. Describes the budgeting process for public safety units. Deals with disaster planning and implementation of response. Provides methodology in determination of training requirements for personnel. Prerequisites: PAD 3870 with a minimum grade of C

**PAD 4232** Grants & Contract Mgmt 3 credits
Government of public nonprofit agency grant and contract administration and management responding to funding assistance solicitations and grant and contract preparation, evaluation, and presentation. (Departmental permission required)

**PAD 4604** Ethics in Pub Svs 3 credits
Examines the issues of administrative ethics in public service. Topics include public integrity, ethics codes, administrative discretion, secrecy and Sunshine Laws, organizational pressures on whistleblowing.

**PAD 4872** Pub. Svc. Mgmt. I 3 credits
Provides advanced levels of management in Public Safety Units. Extols a number of theoretical management frameworks and ideologies. Conveys management techniques necessary to control diverse multi-task public safety units. Prerequisites: PAD 3870 with a minimum grade of C and PAD 3871 with a minimum grade of C

**PAD 4873** Pub. Svc. Mgmt. II 3 credits
Provides advanced levels of management in Public Safety Units. Discloses requirements for the demographics of communities served by Public Safety Agencies. Provides tools to fairly deal with collective bargaining entities. Prerequisites: PAD 4872

**PAD 4879** Senior Seminar in PSM 3 credits
Required integrative seminar for senior Public Services Management majors. Summarizes and integrates the theories and practices of public services management, examines the contemporary public services environment and cutting-edge management practices.

**PAD 4905** PSM Dir Indep Study 3 credits
Individual study for Public Service Management students under the direction of a faculty member. Topics vary and are usually selected on an individual basis.

**PAD 4932** Special Topics in PSM 3 credits
Courses centering around topics of current interest or of special interest to students or instructors. Topics or focus may vary from semester to semester.

**PAD 5041** Administrative Ethics 3 credits
Examination of ethical problems in public service. Topics include public integrity, administrative discretion, secrecy and Sunshine Laws, organizational pressures and the limits of dissent, and ethics codes.

**PAD 5142** Management of Non-profit Org 3 credits
Identification and evaluation of approaches to managing nonprofit organizations to make them effective, legal, efficient, just and conscientious organizations working for the public good as defined by their missions, executive leadership, and boards.

**PAD 5352** Emerging Issues Enviro Policy 3 credits
Introduction to a range of current environmental trends such as global environmental issues and challenges, conservation and sustainability, environmental economics, energy policy, land use policy (legal and ethical dimensions), and environmental justice.

PAD 5356 Environmental Policy & Ethics 3 credits Focus on important concepts and methods in environmental policy-making, including the constraints placed on environmental policy-making by conventional understandings of property rights, risk assessment, and economic analysis.

PAD 5620 Environmental Law 3 credits Introduction to selected major pieces of federal environmental legislation, including historical development, the role of the courts and administrative agencies, and the impacts of the environmental regulatory decision making process.

PAD 5933 Proposal Writing & Grant Admin 3 credits Essentials of program planning and proposal writing, grantsmanship, the process of program evaluation, and general administrative practices as they apply to public organizations.

PAD 6060 Intro to Public Administration 3 credits Overview of the theory and practice of public administration with special attention to the development of analytical and problem solving skills. Topics include the historical development of public administration, the structure of public organizations, leadership, decision-making, and accountability roles of public managers.

PAD 6101 Organizational Thry & Behavior 3 credits Dynamics of complex organizations, the role of bureaucracy and theories of organizations applied to the public sector.

PAD 6205 Public Finance 3 credits Focus on efficiency, markets, the economic basis for government, political equilibrium and external influences on government finance. (PAD 6207 Public Budgeting, or equivalent, helpful but not necessary.)

PAD 6207 Public Budgeting 3 credits Survey of the history of budget reform in the United States, budget formats, taxation models, and capital budgeting and expenditures. The historical development of budgeting is used as a framework for constructing and interpreting budgets. Prerequisites: PAD 6060

PAD 6327 Sem in Program Plan & Evaluat 3 credits Focus on the underlying rationale, and methods of program planning and evaluation. Prepares students for professional roles as administrators, planners, and change agents in public and social service organizations through the design of an actuarial evaluation plan. Prerequisites: PAD 6060 and PAD 6701 and PAD 6708

PAD 6365 Public Policy 3 credits Overview of the theory and practice of public policy. Topics include problem definition and policy formulation, economic approaches to policy analysis, collective action problems, ethics and public policy, and policy entrepreneurship. Prerequisites:

PAD 6417 Public Personnel Admin 3 credits Overview of public personnel systems at both the national and subnational levels of government, evolution and adaptation to changing conditions. Topics include position descriptions, classification, and pay systems; performance management; merit and patronage systems; training and professional development; women’s issues in management; workforce diversity; and personnel law.

PAD 6605 Administrative Law 3 credits Overview of the legal environment of public administration. Detailed examination of the development, implementation, and adjudication of the regulatory infrastructure at the national and sub-national levels of government, application of the Administrative Procedures Act, discretionary, authority, and structure and operation of various regulatory agencies.

PAD 6701 Data Analysis in Public Srvc 3 credits This is a graduate seminar and core course in the MPA program. The course is designed for MPA students and others interested in public administration statistical methodologies. Upon completion of this course, the student should be familiar with the technical terms used in applied social science research and have the capability of producing an empirical data-based research document using both primary and secondary data sources.

PAD 6708 Research Applications 3 credits Introduction to methods and techniques used in public management research. Topics include problem formulation, research design, survey construction and data collection. Prerequisites:

PAD 6807 Urban Politics & Admin 3 credits Overview of the context, functioning, and policies of America’s metropolitan areas. Topics include the social and economic environment of the city, dimensions of the “urban crisis,” as well as sources of power and citizen input in urban communities.

PAD 6812 State & Local Politics & Admin 3 credits Examination of the issues, policies, and controversies involved in state and local governance. The relationship between institutions, actors, and politics at sub national levels of government is emphasized.

PAD 6826 Intergovernmental Admin 3 credits Theory and practice of intergovernmental administration among Federal, state and local government(s). Topics include policy devolution, the political and fiscal environment of intergovernmental administration and techniques of intergovernmental control, cooperation and competition.

PAD 6836 Comparative Public Admin 3 credits Survey of political and administrative systems in other countries and comparison with public administration models in the United States. Emphasis on the cultural and socio-economic factors that shape political and administrative institutions internationally.

PAD 6908 Independent Study 1 to 3 credits Individual study of a current concept, selected problem or issue pertaining to public administration and/or the student’s area of concentration, under the direction of a faculty member in the Division of Public Administration. Departmental permission required. No more than 3 credit hours toward the MPA degree.

PAD 6934 Spec Topics in Public Adminis 3 credits Contemporary public administration topics and public policy issues that are not addressed in other course offerings in the MPA program.

PAD 6940 Internship 3 credits Internships will be established with public and nonprofit agencies to provide those students with little or no public sector work experience, offering an opportunity to apply concepts learned in graduate seminars in a real world environment.
PAD 6961 Capstone Project 3 credits
An applied research experience that integrates the principles, theories, and concepts of the core courses in the MPA program and the student's career concentration. Prerequisite: Completion of all other degree requirements. Departmental permission required.

PCB 2336 Human Genetics 3 credits
Basic concepts and applications of fundamental properties of human inheritance using Mendelian and molecular aspects of genetics.

PCB 3023C Cell Biology 3 credits
Cellular biochemistry and physiology with in-depth study of prokaryotic and eukaryotic cellular organelles including their morphology and function. Topics include cellular mobility, growth, bioenergetics, division, communication and regulation. The curriculum is inquiry based and fully integrated with a laboratory that emphasizes active learning strategies. Prerequisites: BSC 1010C with a minimum grade of C and (CHM 1045 with a minimum grade of C and CHM 1045L with a minimum grade of C) or CHM 1045C with a minimum grade of C. Fee Required

PCB 3033C Concepts of Ecology 2 credits
Basic concepts of ecology at population, community, ecosystem and landscape levels will be studied in integrated lectures, laboratory, and field exercises. This course will be integrated with Teaching Methods in the Secondary Sciences. Prerequisites: ISC 1002C with a minimum grade of C. Fee Required

PCB 3043C General Ecology 3 credits
Basic concepts of ecology at population, community, ecosystem, and landscape levels will be studied in integrated lectures, laboratory, and field exercises. Fee Required

PCB 3063C Genetics 3 credits
A study of the principles and theories of heredity including the gene concept, Mendelian and non-Mendelian inheritance. Basic concepts include: the nature, organization, transmission, expression, recombination and function of genetic materials. Principles are derived for genetically characterizing populations. The curriculum is inquiry based and fully integrated with laboratory experiences which emphasize active learning strategies. Prerequisites: BSC 1010C with a minimum grade of C and BSC 1011C with a minimum grade of C and (CHM 1045C with a minimum grade of C or CHM 1045 with a minimum grade of C and CHM 1045L with a minimum grade of C). Fee Required

PCB 3414C Behavioral Ecology 3 credits
Key behavioral adaptations of invertebrates and vertebrates to their environments will be studied in integrated lectures, laboratory, and field exercises involving such topics as exploration, habitat selection, feeding, reproduction, and social behavior. The adaptive roles of innate and learned behavior will be discussed in relation to different behaviors. Fee Required

PCB 3460C Ecosystem Monit & Resea Method 3 credits
Overview of ecological concepts and basic methods of inventorying, monitoring, and conducting research on terrestrial, freshwater, and marine ecosystems. Emphasis on hands-on experiences. Methods will include those used in describing climatic, chemical, and physical features as well as biotic features, including field identification. The field emphasis will be on Southwest Florida ecosystems. Fee Required

PCB 3463C Marine Ecos Mon & Res Method 3 credits
Basic methods of inventorying, monitoring, and conducting research on marine ecosystems. Emphasis on hands-on experiences. Methods will include those used in describing climatic, chemical, and physical features as well as biotic features. The field emphasis will be on Southwest Florida ecosystems. Permission of the instructor. Prerequisites: OCB 4044C with a passing grade. Fee Required

PCB 3673 Evolutionary Biology 3 credits
The application of evolutionary theory to all sub-fields of the biological sciences (e.g., medicine, ecology, molecular biology, etc.). Patterns and processes of evolution are examined, as is evidence, and the history of evolutionary theory. Application of evolutionary theory to problems is stressed, with a further emphasis on the role of phylogeny across biological discipline boundaries. Prerequisites: BSC 1010C with a minimum grade of C and BSC 1011C with a minimum grade of C.

PCB 3703C Human Physiology 3 credits
Study of the function and integration of organs and organ systems of vertebrates and invertebrates. The course and laboratory are fully integrated. Prerequisites: BSC 1010C with a minimum grade of C and BSC 1011C with a minimum grade of C and (CHM 1046C with a minimum grade of C or CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C). Fee Required

PCB 3723C Comparative Animal Physiology 3 credits
Study of the function and integration or organs and organ systems of vertebrates and invertebrates. The course and laboratory are fully integrated. Prerequisites: BSC 1010C with a minimum grade of C and BSC 1011C with a minimum grade of C and CHM 1046C with a minimum grade of C or (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C). Fee Required

PCB 4233C Immunology 3 credits
An integrated lecture/laboratory course presenting theory and basic principles of immunology including antigen-antibody reactions, immunoglobulin structure, genetics, cellular immunity and immunopathology. Prerequisites: CHM 2211C and BSC 1010C. Fee Required

PCB 4253C Developmental Biology 3 credits
Basic developmental principles that are common to many or all organisms as well as those that are unique to specific organisms will be identified. The molecular mechanisms involved in the development of various eukaryotic organisms including fungi, animals, and plant will be examined. Prerequisites: PCB 4522C with a minimum grade of C or PCB 3023C with a minimum grade of C. Fee Required

PCB 4303C Limnology 3 credits
An interdisciplinary approach to the examination of inland waters including lakes, streams, marshes, and swamps.
PCB 4522C Molecular Genetics 3 credits
Genetics will be investigated at the molecular level. Gene structure, function, variation, and control will be studied with respect to animal and plant cell structure and function. The curriculum is inquiry based and fully integrated with laboratory experiences which emphasize active learning strategies.
Prerequisites: BCH 3023C with a minimum grade of C and PCB 3063C with a minimum grade of C
Fee Required

PCB 4673 Evolutionary Biology 3 credits
The application of evolutionary theory to all sub-fields of the biological sciences (e.g., medicine, ecology, molecular biology, etc.). Patterns and processes of evolution are examined, as is evidence, and the history of evolutionary theory. Application of evolutionary theory to problems is stressed, with a further emphasis on the role of phylogeny across biological discipline boundaries.
Prerequisites: ZOO 3713C with a minimum grade of C

PCB 4674C Reptile & Amphibian Evolution 4 credits
Provides an opportunity for advanced study of the biology of "reptiles" and amphibians in an evolutionary context. The entire spectrum of reptile and amphibian diversity is studied from the first known fossil amphibians and their ancestors through all living and extinct clades. Anatomical, physiological, and behavioral biology are also examined from an evolutionary perspective; utilizing the principles of cladistic analysis, each system is examined from its most primitive condition to the many unique derived conditions found among living and/or fossil amphibians and reptiles. Current controversies may be featured, and topics span from molecular to organizational and ecological. The course will include the use of dissection and physiological laboratory techniques to study various topics.
Prerequisites: ZOO 3713C with a minimum grade of C
Fee Required

PCB 4783C Cell Membrane Physiology 3 credits
Chemical and physical properties of the plasma membrane. Investigation of plasma membrane biosynthesis and functions in transport and signal transduction. The curriculum is inquiry based and fully integrated with laboratory experiences that emphasize active learning strategies.
Prerequisites: BCH 3023C with a minimum grade of C and PCB 3023C with a minimum grade of C
Fee Required

PCB 4910 Ind. Research in Immunology 1 to 4 credits
Independent study and research projects under faculty direction in immunology is investigated. Projects include investigative skills, principles of research application, and rigorous data collection and reporting. Course may be repeated in different research projects.
Prerequisites: PCB 4233 with a minimum grade of C-
Fee Required

PCB 4930 Special Topics in Immunology 1 to 3 credits
Topics/focus of Immunological Science under faculty direction is investigated. A selected topic, focus or problem in Immunology. Course may be repeated in different topic areas.
Prerequisites: PCB 4233 with a minimum grade of C-

PCB 5245 Biology of Aging 3 credits
Investigation of the demographics, physiology of organ systems, evolutionary, environmental, cellular and genetic correlations of the aging process and on the resultant limitations in performance and quality of life in humans.
Prerequisites: BSC 1085C with a passing grade and BSC 1086C with a passing grade

PET 1931 ST: Physical Activity 1 to 3 credits
An introductory course designed to provide the student with physical exercise and an understanding of the importance of physical activity in performance and quality of life in humans.

PCB 6064C Advanced Ecology 3 credits
Overview of major concepts in ecology with an emphasis on mathematical analytical techniques. Topics include: flows of energy and matter; temporal dynamics; community structure and dynamics; and human impact on ecosystems. Course structure includes lecture, laboratory and field studies and discussion of relevant literature.
Prerequisites: BSC 1011C with a minimum grade of B and PCB 3043C with a minimum grade of B

foundational knowledge and experiences in physical activity related to the improvement in personal fitness.
Fee Required

PET 2044C Exerc Science & Injury Manag. 3 credits
Overview of health topics that relate to exercise science and injury management. Explores a variety of related health professions to assist students in making a more informed career choice.
Fee Required

PET 2081 Wellness College Experience 2 credits
Introduces methods to improve lifestyle habits effecting stress management, coping skills, fitness and diet. Explores gender, cultural, and ethnic differences, and relates how wellness is influenced by attitudes and beliefs.

PET 2930 Selected Topics: Human Perform 1 to 4 credits
Current concepts, selected problems or issues pertaining to Human Performance are examined by pre-program majors. The topics vary according to recent developments in Human Performance and/or Athletic Training. Course may be repeated for different topic areas.
Fee Required

PET 3084C Personal Fitness & Wellness 3 credits
A study of personal fitness and wellness concepts. Students evaluate their own personal fitness level and provide opportunities to develop and improve their personal fitness and wellness lifestyle.
Fee Required

PET 3087C Fnd H/R Physical Fitness 3 credits
This course explores health related physical fitness theories. It provides the student with a foundation to understand the relationship between health-related physical fitness and personal wellness throughout the lifespan.

PET 3384C Fitness Assess/Ex Prescription 3 credits
An examination of physical fitness assessment techniques, procedures and protocols, including how to prescribe exercise for apparently healthy populations and special populations. Students may enroll in this course with permission of instructor only.

PET 3460 Principles of Sports Mgt 3 credits
The role of sport management in contemporary sporting environments. Focus will be on providing an introduction to sports industry, growth trends in the industry, and careers in the industry including an overview of management in the professional sports franchise; intercollegiate athletics, sports marketing and promotions; sports law; facilities management; the health club and resort industry; sports tourism; and other current trends in sport management. (Junior standing required)

PET 3613C AT Practice I 3 credits
First of four-course series examining contemporary athletic training practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process.
Prerequisites: PHT 3109C
Fee Required

PET 3614C AT Practice II 2 credits
Second of four-course series examining contemporary athletic training practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process.
Prerequisites: PET 3613C
Fee Required

PET 3931 Selected Topics: Human Perform 1 to 4 credits
Current concepts, selected problems or issues pertaining to Human Performance are examined and observed. Topics and experiences vary according to recent developments in Human Performance and Athletic Training. Course may be repeated for different topic areas.
Fee Required

PET 4050 Hlth,Safety,Nutri & Mot Ski 3 credits
Prepares teacher candidates to plan developmentally appropriate motor activities, to apply sound health services, to create safe and healthy environments, and to understand the components of good nutrition for both typically and atypically developing young children.

PET 4285C Lifespan Developmental 2 credits
Explores dimensions of development across the lifespan. Development across domains for each age group is examined within the context of society and culture. Attention is paid to individual differences and variations in development and aging.

PET 4297 Sport & Human Exer Psychology 3 credits
Explores in detail concepts related to the psychological aspects surrounding sport and human performance. This course explores psychological concepts and principles from an applied perspective to human performance and sport.
Prerequisites: PSY 2012

PET 4356 Environmental Exercise Phys 3 credits
A study of the physiological responses in human performance to environmental stressors.
Prerequisites: PET 4380C

PET 4380C Applied Exercise Physiology 3 credits
Students explore in detail the acute and chronic responses to exercise. Course explores metabolic, neuromuscular, respiratory and cardiovascular physiological concepts and principles with practical application to human performance and sports.
Prerequisites: PHT 3293C

PET 4388C Adv Methods of Strength & Cond 3 credits
An examination of advanced methods on developing muscular fitness for health and skill related fitness. Course also explores advanced physical fitness conditioning techniques for apparently healthy populations and special populations. Students may enroll in this course with permission of instructor only.
Prerequisites: PET 3384C or PET 3084C

PET 4392 Human Perf and Energy Supplies 3 credits
An examination of the relationship between macronutrients, micronutrients and metabolic intermediates to human performance.
Prerequisites: PET 3380C

PET 4455 Sport Facility & Event Mgt 3 credits
An understanding of the role of the sport facility in society is stressed. Topics include building a facility, feasibility studies, financing a facility, furnishing of a facility, types of facilities, producing events, day-to-day operations, concessions, maintenance, franchise interaction, and the career paths to become a successful facility manager. Special event programming topics covered include protocols in planning sports events, risk management assessment, celebrity contracts, media marketing, sponsorship, merchandising, advertisement, hospitality, and assessment of event success.
Prerequisites: PET 3460
PET 4461 Sports Promotion 3 credits
An introduction to the marketing of sport as a product and the promotion of sport activities. Topics include the definition of the market, consumer analysis, market segmentation, product licensing, product positioning, pricing, promotion, marketing communication, and distribution, as they apply to sports. Corporate sponsorship, fundraising, sales and public relations are also covered.
Prerequisites: PET 3460

PET 4619C AT Practice III 4 credits
Third of four-course series examining contemporary athletic training practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process.
Prerequisites: PET 3614C
Fee Required

PET 4629C AT Practice IV 4 credits
Last of four-course series examining contemporary athletic training practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process.
Prerequisites: PET 4619C
Fee Required

PET 4670 HP Clinical Practice I 3 credits
Ten-week full-time, certified athletic trainer supervised, clinical experience applying concepts of examination, evaluation, diagnosis, prognosis, and intervention in direct patient/client care.
Prerequisites: PET 3614C

PET 4671 HP Clinical Practice II 2 credits
Twelve-week full-time, certified athletic trainer supervised, clinical experience applying concepts of examination, evaluation, diagnosis, prognosis, intervention, and program development in direct patient/client care.
Prerequisites: PET 4619C and PET 4670

PET 4692C AT Practice IV 4 credits
Prerequisites: PET 4619C

PET 4930 POS II Prep for Entering 1 credits
Investigates the aspects of entering health and wellness professions including preparation for the national examinations, licensure, negotiating employment, career development and consultation.

PET 4941 Experiential Learning I 4 credits
Community-based experience providing an opportunity for the student to apply previously learned concepts skills.
Fee Required

PET 4948 Experiential Learning II 2 credits
Final community-based experience providing an opportunity for the student to apply previously learned concepts skills.
Fee Required

PGY 2401 Photography I 3 credits
This course provides an introduction to photography as a means of creative expression in both digital and 35mm analog formats. Basic black and white printing will be covered as well as electronic print methods.
Prerequisites: ART 1201 with a minimum grade of C

PHH 3050 Phi: History Texts Methods I 3 credits
Grounds philosophy majors in four classic philosophical methodologies taught through primary texts: categorical and propositional logic, Socratic dialectic, Thomistic disputation, and Cartesian radical doubt.
Prerequisites: ENC 1101 and ENC 1102
Corequisites: PHH 3050L

PHH 3050L Phi:History Texts Methods Lab 1 credits
Companion course to PHH 3050 Philosophy: History, Texts, Methods I. Students will perform the philosophical methods of that course through logical problems, written, and oral exercises.
Prerequisites: ENC 1101 and ENC 1102
Corequisites: PHH 3050

PHH 3103 Ancient Greece 3 credits
Study ancient Greek notions about, reason, political justice, and the human self, primarily as they appear in philosophy, but also with reference to epic and dramatic literature of the time.
Prerequisites: ENC 1102 with a minimum grade of C

PHH 3501 Marx, Freud and other Heretics 3 credits
Examines counter-traditional figures in Philosophy from the nineteenth-century. Thinkers will include Sade, Nietzsche, Marx, Freud and others. Emphasis upon the historical roots of resistance within contemporary Western philosophy.
Prerequisites: ENC 1101 and ENC 1102

PHH 3801 Self in Eastern Philosophy 3 credits
A study of the human self from a south and east Asian point of view. Topics include the nature of the self, the structure of consciousness, and the self in relation to the external world to the Greater Self.

PHH 3930 ST History of Philosophy 3 credits
Covers a Philosophical era, movement or theme, taking into account the connection between ideas and their historical context. Topic varies by semester, may be repeated.
Prerequisites: ENC 1101 and ENC 1102

PHH 3931 ST History of Philosophy 3 credits
Covers a Philosophical era, movement or theme, taking into account the connection between ideas and their historical context. Topic varies by semester, may be repeated.
Prerequisites: ENC 1101 and ENC 1102

PHH 4051 Phi: History Texts Methods II 3 credits
Grounds major in five modern philosophical methodologies, taught through primary texts: Empiricism and Positivism, Kantian critique, Hegelian and other dialectics, anti-systematic and literary methodologies, and phenomenology.
Corequisites: PHH 4051L

PHH 4051L Phi:History Txts Methodss Lab 1 credits
Companion course to PHH 4051 Philosophy: History Texts and Methods II. Students will perform the philosophical methods of that course through logic problems, written, and oral exercises.
Corequisites: PHH 4051

PHH 4450 Hume, Kant and Rousseau 3 credits
Provides detailed analysis of the works of three of the figures who were most central to the formation of enlightenment thinking and the philosophical schools that followed: David Hume, Immanuel Kant, and Jean-Jacques Rousseau.
Prerequisites: ENC 1101 and ENC 1102

PHI 2000 Introduction to Philosophy 3 credits
Introduction to the various key philosophical orientations, thinkers, and topics which have evolved during the history of humankind. At least 6,000 words of graded written work are required. (Gordon Rule)
Prerequisites: ENC 1101 with a minimum grade of C
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 2016</td>
<td>Philosophy through Film</td>
<td>3</td>
<td>Using films and readings, the course explores a number of core problems in philosophy such as: personal identity, the existence of other minds, free-will and determinism, reality vs. appearances, human suffering the existence of God, and the role of technology.</td>
</tr>
<tr>
<td>PHI 3106</td>
<td>Principles of Rhetoric &amp; Argum</td>
<td>3</td>
<td>Introduction to the formal principles of argumentative discourse, both logical and rhetorical, and application of those principles to the tasks of critical reading and constructing sound arguments. Prerequisites: ENC 1101 and ENC 1102</td>
</tr>
<tr>
<td>PHI 3223</td>
<td>Philosophy Human Communication</td>
<td>3</td>
<td>The philosophical foundations of thinking, speaking, and writing: the nature and structure of human knowing; the mediation of intersubjective relations through spoken language; and the fixing of human experience in texts. Prerequisites: ENC 1101 and ENC 1102</td>
</tr>
<tr>
<td>PHI 3570</td>
<td>Ethics in Theory and Practice</td>
<td>3</td>
<td>The course will cover major ethical ideas and theories from a philosophical perspective with a special focus on applying those ideas to concrete issues and problems. Prerequisites: ENC 1101 with a minimum grade of C and ENC 1102 with a minimum grade of C</td>
</tr>
<tr>
<td>PHI 3720</td>
<td>Faith and Reason</td>
<td>3</td>
<td>Study philosophy of religion, focusing on the question of the relationship and possible conflict between religious faith and philosophical reason. Prerequisites: ENC 1102 with a minimum grade of C</td>
</tr>
<tr>
<td>PHI 3930</td>
<td>Special Topics in Philosophy</td>
<td>3</td>
<td>This course will cover a special topic in Philosophy. See Instructors course description for details. Prerequisites: ENC 1102 with a minimum grade of C</td>
</tr>
<tr>
<td>PHI 3941</td>
<td>Philosophy Internship</td>
<td>1-3</td>
<td>Internship working in a career field that allows for the practical implementation of philosophical training. Students may elect to take up to 3 hours of internship for credit.</td>
</tr>
<tr>
<td>PHI 4905</td>
<td>Directed Independent Study</td>
<td>3</td>
<td>Individualized study under the direction of a faculty member.</td>
</tr>
<tr>
<td>PHI 4938</td>
<td>Capstone Seminar in Philosophy</td>
<td>3</td>
<td>Seminar in which majors engage the history of philosophy and demonstrate advanced performance of academic philosophy via examination on core texts and the production of a senior thesis. Corequisites: PHI 4938L</td>
</tr>
<tr>
<td>PHP 4930</td>
<td>Major Figures in Philosophy</td>
<td>3</td>
<td>A semester-long intensive study of a single philosopher or thematically linked group of philosophers whose work significantly repositions major philosophical dynamics. Figures studied will vary; course may be repeated once with change of content. 9 hours of PHH, PHI or PHP courses needed as prerequisite or permission of instructor.</td>
</tr>
<tr>
<td>PHP 3351</td>
<td>Philosophy of Human Rights</td>
<td>3</td>
<td>An advanced introduction to classical and contemporary philosophical arguments and problems involved in human right discourses. Prerequisites: ENL 1101 and ENL 1102</td>
</tr>
<tr>
<td>PHP 3786</td>
<td>Existentialism</td>
<td>3</td>
<td>Covers the Existentialist movement in nineteenth and twentieth century Europe which focuses on the analysis of concrete human existence, the self, finitude, freedom, and the ethical and psychological dilemmas of nihilism. Prerequisites: ENC 1101 and ENC 1102</td>
</tr>
<tr>
<td>PHP 3106C</td>
<td>Integrated Human Anat Neuro I</td>
<td>3</td>
<td>Students are led through an in-depth study of human anatomy, focusing on the musculoskeletal and neuromuscular systems. Anatomical histology, cytology, embryology, anatomical/neurophysiological changes through the lifespan and applications to health care are investigated. Fee Required</td>
</tr>
<tr>
<td>PHP 3156C</td>
<td>Physio Dimensions Human Activity</td>
<td>3</td>
<td>Explores the anatomical, biochemical, behavioral, biomechanical, physiological and developmental aspects of movement science. Fee Required</td>
</tr>
<tr>
<td>PHP 3176C</td>
<td>Movement Science I</td>
<td>10</td>
<td>Explores the anatomical, biochemical, behavioral, biomechanical, physiological and developmental aspects of movement science. Fee Required</td>
</tr>
<tr>
<td>PHP 3177C</td>
<td>Movement Science II</td>
<td>5</td>
<td>Studies and applies anatomical, biochemical, behavioral, biomechanics, physiological and developmental aspects of movement science. Prerequisites: PHT 3176C Fee Required</td>
</tr>
<tr>
<td>PHP 3363C</td>
<td>Intro to Athletic Training</td>
<td>3</td>
<td>This course focuses on the basic overview of the profession of Athletic Training and is designed as a preparatory course for the future health care provider interested in pursuing a career as a certified athletic trainer.</td>
</tr>
<tr>
<td>PHP 3902</td>
<td>Comm-Based Exper Hlth Care II</td>
<td>1</td>
<td>Students observe health care or human service professional(s) in his/her work setting. Experience is based on individual student-identified learning objectives and self-evaluation of experiences. Prerequisites: PHT 3901</td>
</tr>
<tr>
<td>PHP 4008</td>
<td>Topics in Physical Therapy II</td>
<td>1</td>
<td>Provides an in-depth look at current issues which have a significant bearing on the delivery of physical therapy today and in the future. Prerequisites: PHT 3007</td>
</tr>
<tr>
<td>PHP 4107C</td>
<td>Integrated Human Anat Neuro II</td>
<td>5</td>
<td>Students are led through an in-depth study of body systems. Anatomical and neurophysiological changes through the lifespan and applications to health care practice will be emphasized. Prerequisites: PHT 3106C Fee Required</td>
</tr>
<tr>
<td>PHP 4108C</td>
<td>Integrate Human Anat Neuro III</td>
<td>3</td>
<td>Students are led through an in-depth study of human neuroanatomy and neurophysiology. Changes through the lifespan and applications to health care practice will be emphasized. Prerequisites: PHT 4107C</td>
</tr>
</tbody>
</table>
PHT 4123C Biomech Dimensions Human Mvmt 3 credits
Students study the mechanical and neuromuscular components of human motion. Students learn both normal movement and the effects of pathological conditions on movement. Lifespan developmental changes are studied.
Prerequisites: PHT 3106C
Corequisites: PHT 4107C
Fee Required

PHT 4146 Lifespan Develop Across Domain 3 credits
Explores the dimensions of development across the lifespan. Development across domains for each age group is examined within the context of family and culture with attention paid to individual differences and variations in development.
Fee Required

PHT 4262C Skills PT Exam & Intervention 6 credits
Students learn basic patient examination, intervention and data collection skills necessary for patient evaluation and development of a plan of care.
Prerequisites: PHT 4123C and PHT 4108C
Fee Required

PHT 4903 Comm-Based Exper Hlth Care III 1 credits
Students observe a health care or human service professional(s) in his/her work setting. The experience is based on individual student-identified learning objectives and self-evaluation of experiences.
Prerequisites: PHT 3902

PHT 4931 Selected Topics 1 to 4 credits
Current concepts, selected problems or issues pertaining to Physical Therapy are examined. The topic varies according to recent developments in Physical Therapy. Course may be repeated for different topic areas.

PHT 5511 Professional Seminar I 2 credits
Students have the opportunity to explore issues related to professional responsibilities, communication, and behavior in preparation for the first full-time clinical experience. Included is the initial 160 hours of clinical experience.
Prerequisites: PHT 5726C

PHT 5615 Foundations Independent Rsch 1 credits
An in-depth examination of different types of health care research and critical review of physical therapy and related health care research literature. Students explore roles and responsibilities as participants in and contributors to research.
Prerequisites: HSC 4732

PHT 5726C Integrated Clinical Practice I 6 credits
Explores areas of physical therapy screening, examination, diagnosis, and intervention through small group, problem-based case study and clinical practice laboratories.
Fee Required

PHT 5727C Integrated Clinical Pract II 7 credits
Explores progressively more complex areas of physical therapy screening, examination, diagnosis and intervention through small group, problem-based case study and clinical practice laboratories.
Prerequisites: PHT 5726C
Fee Required

PHT 5822 App PT-Clinical Experience I 1 credits
First full-time, physical therapist supervised, clinical experiences applying concepts of examination, evaluation, diagnosis, prognosis, and intervention in direct patient care.

PHT 5906 Independent Study I 1 to 2 credits
Initial phase of an intensive, independent, focused area of study. In this initial phase, the student identifies an area for intensive focus and designs a faculty approved learning experience that meets the student's need(s).
Prerequisites: PHT 6607 and PHT 6396C

PHT 5971 Thesis Research I 1 to 2 credits
Students are guided through the process of developing an introduction, rationale, and research question for investigation for a research thesis. Successful completion of this course results in an approved research question with supporting written documentation.
Prerequisites: PHT 6607 and PHT 6396C

PHT 6026 Sem I - Explorations in PT 2 credits
First in a five-course series that explores professional, legal, ethical, and management aspects of development as physical therapy professionals. The course includes the basic concepts of the professional behavioral aspects of the physical therapy profession. Included are historical perspectives of physical therapy, the Florida Physical Therapy Practice Act, the APTA Code of Ethics, an overview of practice parameters, therapeutic presence and the health care delivery system. The relationship of physical therapy to the health care system is investigated. Selected aspects of personal development are considered. Students explore and apply concepts of mentoring by completing a 1:1 mentoring experience. This course is taught in module format with a variety of delivery and assessment methods, and requires the student to engage in active learning strategies.

PHT 6109C Mvmt Science Foundations I 10 credits
Students explore the six foundational sciences in which the practice of physical therapy is grounded. Content focuses on the study of the anatomical, biochemical, behavioral, biomechanical, physiological and developmental aspects of movement science.
Fee Required

PHT 6373 Geriatric Physical Therapy 3 credits
Geriatric physical therapy including screening, examination, evaluation, diagnosis, prognosis, plan of care, intervention, prevention, and wellness is investigated. Normal and pathological aspects of aging are examined. Permission of instructor is required.

PHT 6393C Mvmt Science Foundation II 5 credits
Students explore the six foundational sciences in which the practice of physical therapy is grounded. Content focuses on study and application of anatomical, biochemical, behavioral, biomechanical, physiological and developmental aspects of movement science.
Prerequisites: PHT 6109C
Fee Required

PHT 6394C PT Practice I 3 credits
First of five-course series examining contemporary physical therapist practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process.
Prerequisites: PHT 6026 with a minimum grade of B and PHT 6109C with a minimum grade of B
Fee Required

PHT 6395C Mvment Science Foundations III 4 credits
Exploration of the six foundational sciences in which the practice of physical therapy is grounded. Content focuses on
the study and the integration of the anatomical, biochemical, behavioral, biomechanical, physiological and developmental aspects of movement science.
Prerequisites: PHT 6393C
Fee Required

PHT 6396C PT Practice II 4 credits
Second of five-course series examining contemporary physical therapist practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process.
Prerequisites: PHT 6394C with a minimum grade of B
Corequisites: PHT 6395C
Fee Required

PHT 6397C PT Practice III 4 credits
Third of five-course series examining contemporary physical therapist practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process.
Prerequisites: PHT 6396C with a minimum grade of B
Corequisites: PHT 6412
Fee Required

PHT 6398C PT Practice IV 6 credits
Fourth of five-course series examining contemporary physical therapist practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process.
Prerequisites: PHT 6397C with a minimum grade of B
Corequisites: PHT 6527
Fee Required

PHT 6399C Physical Therapy Practice V 5 credits
Fifth of five-course series examining contemporary physical therapist practice in a variety of health care settings. Learners analyze cases across the lifespan utilizing the clinical decision-making model and a problem-based learning process.
Prerequisites: PHT 6398C with a minimum grade of B
Corequisites: PHT 6528
Fee Required

PHT 6412 PDSIIA-Teaching/Learning 2 credits
Studies in teaching, learning and a student led community pluralism mentoring project.
Prerequisites: PHT 6026 with a minimum grade of B

PHT 6413 PDS IIB-Sociocul Infl Lifespan 2 credits
Uses lifespan approach to investigate sociocultural influences on belief/behavior systems including culture and family issues.
Prerequisites: PHT 6026

PHT 6512 Professional Seminar II 2 credits
Emphasizes leadership and career development, including investigation of employment strategies, obtaining professional license, clinical teaching opportunities, and developing and presenting professional and staff development programs. Components of administration of a physical therapy service are investigated.
Corequisites: PHT 6729C

PHT 6527 Sem III Mngrt Ldrship Entrepren 2 credits
Explores professional, legal and ethical aspects of development as physical therapy professionals. Students synthesize leadership and management competencies to plan and implement a simulated interdisciplinary entrepreneurial venture.
Prerequisites: PHT 6412 with a minimum grade of B

PHT 6528 Sem IV-Legal Ethical Consider 3 credits
Students examine ethical decision making models and apply them to common issues in interdisciplinary health care. Legal aspects of practice at the federal, state, and local levels are investigated.
Prerequisites: PHT 6527 with a minimum grade of B

PHT 6529 Sem V-Prep for Profession 1 credits
This seminar course investigates aspects of entering the physical therapy profession including preparation for the qualifying examination, licensure, negotiating employment, career development and consultation.
Prerequisites: PHT 6528 with a minimum grade of B

PHT 6606 App PT Critical Inquiry 3 credits
Introduction to qualitative and quantitative research designs for health professions, analysis of data, critical evaluation of research, and proposal writing. Physical Therapy students begin selection of either the thesis or independent study option.
Prerequisites: PHT 6606 with a minimum grade of B

PHT 6728C Integrated Clinical Pract. III 5 credits
Explores progressively more complex areas of physical therapy screening, examination, diagnosis, and intervention through small group, problem-based case study and clinical practice laboratories.
Prerequisites: PHT 5727C
Fee Required

PHT 6729C Integrated Clinical Pract. IV 6 credits
Explores complex areas of physical therapy screening, examination, diagnosis, and intervention through small group, problem-based case study and clinical practice laboratories.
Prerequisites: PHT 6728C
Fee Required

PHT 6823 Clinical Internship II 1 credits
Four-week clinical experience emphasizes student use of physical therapy evaluation, treatment planning and intervention strategies. Students work under direct supervision of a licensed physical therapist.
Prerequisites: PHT 6728C

PHT 6824 Clinical Internship III 4 credits
Eight-week experience in a physical therapy setting requires students to apply previously learned concepts in management of patients/clients in a continuum of care. Students work under direct supervision of a licensed physical therapist.
Prerequisites: PHT 6823 and PHT 6729C

PHT 6825 Clinical Internship IV 4 credits
Eight-week experience in which students practice with increasing independence in patient/client examination, intervention, and teaching while developing supervisory, case management, and outcome assessment skills. Students work under direct supervision of a licensed physical therapist.
Prerequisites: PHT 6824 and PHT 6729C

PHT 6907 Independent Study II 2 credits
Applied portion of intensive, independent, focused process of study begun in Independent Study I. Completion of this portion of the individual learning process requires a successful progress review by the faculty advisor and community mentor.
Prerequisites: PHT 5906

PHT 6908 Independent Study III 2 to 3 credits
Final portion of independent focused study begun in Independent Study I and II. Culminates in scholarly, reflective paper and portfolio that examines the process and outcomes. Student presents an oral summary of work.
Prerequisites: PHT 6398C with a minimum grade of S and PHT 6907 with a minimum grade of S

PHT 6909 Independent Study IV 1 credits
Final portion of independent, focused study begun in Independent Study I, II, and III. Culminates in scholarly, reflective paper and portfolio that examines the process and outcomes. Student presents an oral summary of work.
Prerequisites: PHT 6729C and PHT 6808

PHT 6931 Selected Topics 1 to 4 credits
Current concepts, selected problems or issues pertaining to Physical Therapy are examined. The topics vary according to recent developments in Physical Therapy. Course may be repeated for different topic areas.

PHT 6941 App PT-Clinical Experience II 2 credits
Second of two, six-week full time, physical therapist supervised, clinical experiences applying concepts of examination, evaluation, diagnosis, prognosis, and intervention in direct patient care.
Prerequisites: PHT 6398C with a minimum grade of B
Corequisites: Fee Required

PHT 6946 App PT-Clinical Residency 8 credits
Sixteen-week full time, physical therapist supervised, clinical residency emphasizes student demonstration of competency in physical therapy patient/client examination, evaluation, diagnosis, prognosis, and intervention strategies and includes management and peer/patient/family teaching.
Prerequisites: PHT 6399 and PHT 5906 or PHT 5971
Corequisites: PHT 6529
Fee Required

PHT 6950 Geriatric PT Project 3 credits
This course consists of a student developed, instructor approved, project relevant to current geriatric physical therapy practice in the area of program development or outcomes research.

PHT 6972 Thesis Research II 2 credits
Second phase of thesis process. With approval of Thesis Committee, the student conducts a review of literature, develops methods section of project, and if appropriate, begins data collection phase of project.
Prerequisites: PHT 5971

PHT 6973 Thesis Research III 2 to 3 credits
Final phase of this process. Student develops and completes conclusion and discussion sections of project and successfully passes oral defense phase. Project culminates in final, deposited research paper.
Prerequisites: PHT 6398C with a minimum grade of S and PHT 6972 with a minimum grade of S

PHT 6974 Thesis Research IV 1 credits
Final phase of thesis process. Student develops and completes conclusion and discussion sections of project and successfully passes oral defense phase. Project culminates in final, deposited research paper.
Prerequisites: PHT 6729C and PHT 6973

PHY 2048C General Physics w/Lab I 4 credits
First semester of a calculus-based two semester sequence of general physics (mechanics, wave motion, sound, thermodynamics, geometrical and physical optics, electricity and magnetism) and laboratory for science, mathematics, and engineering students.
Prerequisites: MAC 2421 with a passing grade or MAC 2311 with a passing grade
Fee Required

PHY 2049C Gen'l Physics w/Lab II 4 credits
Second semester of a calculus-based two semester sequence of general physics (mechanics, wave motion, sound, thermodynamics, geometrical and physical optics, electricity and magnetism) and laboratory for science, mathematics, and engineering students.
Prerequisites: MAC 2422 with a passing grade or MAC 2312 with a passing grade
PHY 2048C with a passing grade
Fee Required

PHY 2053C College Physics w/Lab I 4 credits
Students study the nature of the physical world. Principles of classical mechanics, introduction to wave theory, heat and elementary thermodynamics are investigated. The curriculum is inquiry based and fully integrated with laboratory and/or field experiences which emphasize active learning strategies. Note: A prerequisite equivalent to MAC 1147 is acceptable.
Prerequisites: MAC 1147 with a passing grade
Fee Required

PHY 2054C College Physics w/Lab II 4 credits
Students continue their study of the nature of the physical world in this course. Principles of electricity and magnetism, light and modern physics will be investigated. The curriculum is inquiry based and fully integrated with laboratory and/or field experiences which emphasize active learning strategies.
Prerequisites: PHY 2053C with a passing grade
Fee Required

PHY 3221 Intermediate Mechanics I 4 credits
Classical Mechanics, Laws of Newton, Particles, Lagrangian, and Hamiltonian formalisms. First of a two semester sequence.
Prerequisites: PHY 2049

PHZ 2102 Problem Solving I 1 credits
Additional problems in mechanics. Designed to allow investigation of problems not covered in the general physics course.
Corequisites: PHY 2048C

PHZ 2103 Problem Solving II 1 credits
Additional problems general physics with calculus.
Corequisites: PHY 2049C

PLA 1003 Introduction to Law 3 credits
An overview of the US legal system, including courts, lawyers and related professionals in the criminal and civil systems. Examines the role of law in modern society as well as fundamental legal concepts and principles.

PLA 3203 Courtroom Techniques 3 credits
Advanced civil courtroom techniques, procedures and law. Topics include research, interviewing techniques, preparing and organizing courtroom materials, compiling documentary evidence, applying investigative procedures and taking effective courtroom notes.

PLA 3240 Alternative Dispute Resolution 3 credits
Overview of alternative methods of dispute resolution including mediation, arbitration, negotiations and appointment of a special master. Special emphasis is made on mediation due to its extensive application in the US, esp. Florida. Mock exercises required.
PLA 3273 Negligence and Tort Litigation 3 credits
Prepares the student to work with attorneys whose practice is based primarily on negligence and tort litigation. A basic review of the various torts and negligence is followed by procedures and rules for drafting and the courtroom. The Federal and State Rules of Civil Procedure will be covered at length.

PLA 3428 The Law of Contracts 3 credits
An examination of the formation and enforceability of legally binding contracts. Topics include protection of economic interests as a part of reciprocal exchanges, legal rules and regulations, duties and responsibilities, public policy concerns, and bargaining in the context of contract principles.

PLA 3433 Business Organizations 3 credits
Five primary areas of interest: corporations, partnerships, sole proprietorships, joint ventures and agency law. Students determine the organization or interest to best suit their clients' needs and prepare the appropriate forms for each. Agency law and its impact on each of these organizations are also discussed.

PLA 3572 Travel Law 3 credits
Overview of rights, remedies and rules of domestic and foreign traveler. Consumer rights, rules and laws regarding air travel, ground transportation, cruise ships, hotels, and rental cars in foreign or domestic ports, or while in international waters discussed.

PLA 3632 Condominium & Association Law 3 credits
A look at Florida condominium and association laws and regulations, including rights and responsibilities of owners, full time residents, renters and time share owners.

PLA 3634 Land Use and Ownership 3 credits
Topics relating to real property including public control over land use, easements, zoning and building regulations, environmental protection regulations, adverse possession, covenants, riparian rights, concurrent ownership, and estates.

PLA 3700 Ethics for Legal Assistants 3 credits
Introduction to ethical dilemmas faced by both legal assistants and attorneys. Ethical rules developed by the American Bar Association will identify methods for researching answers to ethical dilemmas through examples and group participation.

PLA 3733 Legal Technology 3 credits
Instructions and practice on computer programs common to law offices, including the creation of files and folders; document creation, editing and merger; spreadsheets; billing and calendar or “tickler” programs.

PLA 3763 Law Office Management 3 credits
Principles of organization and management, management styles, communications process, utilization of legal assistants, management of office employees, office environment, office systems, office functions, financial management, records management and ethical considerations.

PLA 3800 Family Law Issues 3 credits
Study of the law of family relations, including the study of separation, divorce, domestic violence, child neglect, paternity, adoption, custody and court procedures applicable to each. Ethical considerations are also discussed.

PLA 4116 Research and Document Drafting 3 credits
Practical approach to advanced level of research and writing in the legal profession. Student will utilize both manual and computer assisted research tools to locate legal authority and properly cite same. Writing exercises required. Student will take positions and cite legal authority supporting and opposition positions.

PLA 4530 Elder Law 3 credits
Overview of issues related to aging including age discrimination; nursing home/assisted living facility abuse or neglect; social security and other state or company related administered complaints; and probate health care issues.

PLA 4565 CLA Review Course 3 credits
Review of materials expected to appear on Certified Legal Assistant Examination including verbal and written communication skills; judgment and analytical abilities; ethics; human relations; legal terminology; legal research and substantive knowledge of the law and procedure.

PLA 4570 Globalization & the Rule of Law 3 credits
A study of the interconnectedness of law and a global society. Examines the rule of law and its impact on economic, social, cultural, environmental, political, governmental, and legal aspects of globalization. Examination of international agreements, claims, and actions.

PLA 4600 FL Trusts, Estates & Probate 3 credits
Document drafting regarding Florida estates, trusts, probate, wills, guardianships, etc.

PLA 4608 Probate Litigation 3 credits
Document drafting of general litigation of probate matters, e.g., will and trust contests, guardianship disputes, etc. Florida Rules of Probate Court and applicable Rules of Civil Procedure are examined.

PLA 4612 Real Estate Transactions 3 credits
Student will prepare documents and forms relating to commercial and residential real estate transactions including deeds; purchases and sales; leases; affidavits; condominium associations; title abstracts and insurance; and financing and funding principles.

PLA 4614 Real Estate Litigation 3 credits
Document drafting of real estate litigation matters e.g. foreclosure, liens, breaches, trespass, suits to quiet title; squatter’s rights; and other violations. Florida and Rules of Civil Procedure examined.

PLA 4650 Am. Jurisprudence Capstone 3 credits
Current topics in the legal environment with comprehensive analysis and assessment of theoretical foundations and practical applications.

PLA 4913 Independent Research 1 to 3 credits
Research under direction of faculty member in area of legal studies.

PLA 4933 Special Topics Legal Studies 3 credits
Exploration of variety of issues in legal profession where topics vary from semester to semester.

PLA 4940 Internship 1 to 6 credits
Placement with agency for field experience.

POS 2041 American Nat’l Government 3 credits
An analysis of the basic principles and procedures of the American government with emphasis on current issues and trends to cultivate an understanding of the U.S. political processes.

POS 2112 State & Local Govt & Politics 3 credits
Through an analysis of the structure and function of state and local government, the social and political influences that shape them and the dynamics of their administrative pro-
cusses, students gain an understanding of the U.S. American political processes.

**POS 3033 Issues in Am. Govt. & Politics** 3 credits
An examination of the dynamics of the political process. Attention is given to the influence of the media, interest groups, and public opinion in shaping political outcomes. The course also considers the impacts of socioeconomic change at both the national and global levels upon the political process in the United States. At least 6,000 words of graded written work are required (Gordon Rule).
Prerequisites: ENC 1102 and (POS 2041 with a minimum grade of C or POS 2112 with a minimum grade of C)

**POS 3043 American Political Institution** 3 credits
An examination of the major institutions of government in the United States. A special emphasis will be placed on understanding how these institutions interact and the resulting outcomes of this interaction.
Prerequisites: ENC 1102

**POS 3114 State and Local Government** 3 credits
Introduces students to the role of state and local governments in a federalist system of governance. Includes an examination of state and local politics and administration, campaigns and elections, state and local policymaking, and the interrelationships between national, state, and local governments.
Prerequisites: ENC 1102 with a minimum grade of C

**POS 3204 American Political Behavior** 3 credits
An examination of the various means of participation in American politics. Individual and group actions will be explored.
Prerequisites: ENC 1102

**POS 3250 Political Communications** 3 credits
Examines the inter-relationship between Political Science and Speech, with emphasis on how political leaders communicate in a democratic society.
Prerequisites: ENC 1102 with a minimum grade of C

**POS 3270 Political Campaigns/Elections** 3 credits
Examines political campaigns and elections in the U.S., focusing on the national level. Major topics include systems of political representation, political parties, campaign planning and management, campaign finance, and campaign ethics.
Prerequisites: ENC 1102 with a minimum grade of C

**POS 3411 The Modern Presidency** 3 credits
The Presidency from the transformation of the office in the 1930’s to the present. Special attention to the roles and responsibilities of modern presidents in domestic as well as international policy.
Prerequisites: POS 2041 with a minimum grade of C

**POS 3424 Legislative Process** 3 credits
An analysis of the leadership, organization, norms, and policy-making processes of the U.S. Congress, including Congressional-Executive relations, Elections, and Constituency relations.
Prerequisites: POS 2041 with a minimum grade of C or POS 3043 with a minimum grade of C

**POS 3691 Law, Politics, and Society** 3 credits
An examination of how laws and legal processes interact with politics and culture in shaping policy understandings and outcomes.
Prerequisites: ENC 1102

**POS 4064 Intergovernmental Relations** 3 credits
An exploration of the concept of federalism and its implications for American government. A primary focus is placed on the interaction between different levels of government.
Prerequisites: ENC 1102 and POS 2041 or POS 2112 or POS 3043 or POS 3114 and POS 2041

**POS 4072 Women in Politics & Govt** 3 credits
Overview and analysis of the variety and forms of women’s roles in politics and government; consequences with respect to governing in a democracy and efficacy of women as public agents and citizens.
Prerequisites: POS 2041 or POS 2112

**POS 4152 Urban Politics and Problems** 3 credits
An examination of urban politics and problems. Focuses particularly on the place of cities within a broader network of economic, social, spatial, and intergovernmental relations, as well as on the ways in which these networks affect cities’ approaches to problem-solving.
Prerequisites: ENC 1102

**POS 4734 ResMeth and Analysis in PolSci** 3 credits
An introduction to the tools necessary for conducting and interpreting political research. Quantitative and qualitative approaches will be discussed. Completion of General Education Mathematics Requirement.
Prerequisites: ENC 1102

**POS 4905 Independent Study** 3 credits
Independent study in political science under faculty supervision.
Prerequisites: INR 3002 or CPO 3002 or POS 3112 or POS 4002

**POS 4911 Dir Research Admin and Policy** 3 credits
Prerequisites: ENC 1102

**POS 4931 Spec Topics in Political Sci.** 3 credits
Prerequisites: ENC 1102

**POS 4936 Senior Seminar** 3 credits
Required integrative seminar for senior Political Science majors. Examines the contemporary political environment and visions of the political future.

**POS 4941 Political Science Internship** 3 credits
Prerequisites: ENC 1102

**POT 3003 Political Theorists** 3 credits
An introduction to political thought and philosophy. It will be organized around perennial normative questions. What is the good life? What is a just society? What obligations do individuals have to society? In answering these questions, the course will draw upon a wide range of classical, early modern, and contemporary political theory. Junior or Senior level standing required. At least 6,000 words of graded written work are required (Gordon Rule).
Prerequisites: ENC 1102

**POT 3075 Culture and Politics** 3 credits
An examination of the interrelationship between culture and politics, with particular emphasis on the symbolic and material impacts of culture on policy making.
Prerequisites: ENC 1102

**POT 3501 Politics, Ethics, & Pol Theory** 3 credits
An examination of the conflicts between politics and ethics in contemporary pluralistic and bureaucratic environments. Focuses as well on the exigencies of public integrity and civic engagement in contemporary politics.
Prerequisites: ENC 1102

**POT 4074 Theories of Power** 3 credits
Examination of theories of power in the social sciences and the humanities, as well as the application of these theories to the interpretation of various political processes.
Prerequisites: ENC 1102 with a minimum grade of C

PPE 4003 Psychology of Personality 3 credits
Methods and findings of personality theories and evaluation of constitutional, biosocial and determinants of personality.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

PSB 4002 Physiological Psychology 3 credits
Gross/cellular neural and physiological components of behavior. Structure and function of the central and peripheral nervous systems and theories of brain functions.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

PSB 6244 Neurobiological Behavior 3 credits
Neurobiological structure for the assessment of behavioral disorders including brain anatomy, physiological and neurological diseases that precipitate behavioral disorders.

PSY 2012 General Psychology 3 credits
A broad survey of psychology with an emphasis on cognition, sensory and perceptual, social, personality, abnormal, psychobiology, historical systems motivation, learning and development is provided in this course.

PSY 3017 Experimental Psychology 3 credits
Designed as an in-depth examination of the basic principles of psychological evidence; coverage given to areas of learning, perception, physiological, social and cognition. STA 2023 may be taken concurrently with this course.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C

PSY 3213 Research Methods in Psych 3 credits
Logic of experimental design, concepts of control, ethical issues in the conduct of laboratory and applied research, and analysis of experimentally obtained data.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2122 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

PSY 4604 History & Systems in Psych 3 credits
Review of the historical roots of modern psychological theories. In-depth consideration of the various schools of psychology, such as behaviorism, Gestalt, psychoanalysis, and phenomenological psychology.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

PSY 4911 Internship in Psychology 3 credits
Applied practicum in community service agencies. Senior Standing with permission of instructor.
Prerequisites: CLP 4143 with a minimum grade of B and PSY 2012 with a minimum grade of B and PSY 3213 with a minimum grade of B and STA 2122 with a minimum grade of B and (PSY 3017 with a minimum grade of B or PSY 3044 with a minimum grade of B)

PSY 4913 Directed Study 3 credits
Student plans and conducts an individual research project or program of directed readings under the supervision of a faculty member.
Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

PSY 4930 Special Topics 3 credits
This course will be an elective for Psychology major and minor. This course will provide the Psychology Program greater flexibility in responding to student needs and interests.
Prerequisites: PSY 2012 and PSY 3044 and STA 2023

PSY 4990 Senior Seminar in Psychology 3 credits
Students will learn to consolidate, integrate and apply discipline specific knowledge to issues within Psychology and the Liberal Arts. Senior standing is expected. Students must complete at least 9 credit hours of 4000-level classes from the list of Required Courses for the Psychology Major before registering.
Prerequisites: PSY 2012 with a minimum grade of C and PSY 3213 with a minimum grade of C and STA 2023 with a minimum grade of C and STA 2122 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

PUP 3040 State & Local Public Policy 3 credits
An introduction to the analysis, administration, and politics of public policy at the state and local levels of government.
Prerequisites: ENC 1102 with a minimum grade of C

PUP 4002 Public Policy 3 credits
An examination in the policy making process across a number of different domains: trade defense, environmental, health, and welfare, among others. This course also examines the impact of interest groups and public opinion of policy formation. At least 6,000 words of graded written work are required (Gordon Rule).
Prerequisites: ENC 1102 and (POS 2041 with a minimum grade of C or POS 2112 with a minimum grade of C)

PUP 4004 Policymaking & Administration 3 credits
An examination of the analysis and politics of public policy, with attention to both the traditional tools of policymaking and contemporary efforts to reconcile the tensions between politics, policymaking, and ethics.
Prerequisites: ENC 1102

PUP 4013 Comparative Social Policy 3 credits
Examines the development, implementation, and evaluation of social policies in several national contexts, as well as the transnational and cross-cultural social policy issues posed by international labor migrants and refugees.
Prerequisites: ENC 1102

PUP 4206 Int’l Environmental Policy 3 credits
Examines the development and implementation of international environmental policies. Theoretical perspectives on problems of the international environment are applied to several major policy controversies.
Prerequisites: ENC 1102

PUP 4518 Gov’t., I.T., and Public Policy 3 credits
Examines how information technology influences contemporary politics and administration, emphasizing its promise and perils for government innovation and democratic problem-solving. Required for Political Science majors in the Government and Information Systems track.
Prerequisites: ENC 1102

PUP 4712 Problems of Market and Gov’t. 3 credits
Examines the interrelationship between public-sector and private-sector management and problem-solving, with particular emphasis on managerial innovation in the public sector. Includes an assessment of the possibilities for, and limits
of, public-private partnerships and privatized approaches to public service delivery. Required for Political Science majors in the Governance and Managerial Innovation track.
Prerequisites: ENC 1102

PUP 4930 Special Topics-Public Policy 3 credits
Examination of a specific topic within public policy. Topics may vary depending on instructor. Prerequisites: prior completion of ENC 1002 with a minimum grade of C.
Prerequisites: ENC 1102 with a minimum grade of C

PUR 3000 Principles of Public Relations 3 credits
An introduction to the field and study of public relations. Explores the history of the profession, the nature of public relations, its established code of ethics, and the responsibilities and duties of public relations professionals.

PUR 3004 Principles of Public Relations 3 credits
An introduction to the field and study of public relations. Explores the history of the profession, the nature of public relations, its established code of ethics, and the responsibilities and duties of public relations professionals.

PUR 3100 Public Relations Writing 3 credits
Addresses several common forms of public relations writing, including press releases, public service announcements, pitch letters, and newsletters. Students work with a local client (nonprofit organization or campus organization) so as they develop their writing skills, they are contributing to the good of our campus and our community.

PUR 3600 Public Relations Strategy 3 credits
This course addresses the theories and norms used in the selection of strategies. This course will encourage students to think from a managerial, decision-making standpoint that focuses on planning and program development based on research findings.
Prerequisites: PUR 3004

PUR 4420 Nonprofit Public Relations 3 credits
An advanced PR class designed to help students gain an understanding of the specialized PR needs of nonprofit organizations. Through a service-learning project, students will gain hands-on experience and connect theories to practice as they work for local nonprofit organizations.
Prerequisites: PUR 3004

PUR 4430 Environmental Public Relations 3 credits
An advanced PR course that examines government policies, corporate programs, and communication strategies appropriate to environment PR. Students to earn service learning hours by providing PR support to campus and community environmental groups.
Prerequisites: PUR 3004

PUR 4500 Public Relations Research 3 credits
Course addresses both quantitative and qualitative research design, processes and techniques including public opinion polling and survey research; fact-finding and applied research; issue tracking; focus groups and interviews; media and clipping analysis and historical research.
Prerequisites: PUR 3004

PUR 4800 Public Relations Campaigns 3 credits
Through specific case studies of PR campaigns (both successful and unsuccessful), this course teaches students about planning and program development, an emphasis on decision theory and management theory.
Prerequisites: PUR 3004

QMB 3200 Economic & Business Stats II 3 credits
Studies statistical methods for description of data, interval estimation and hypothesis tests, correlation and multiple regression analysis, analysis of variance, and analysis of qualitative data. The focus is on applications and interpretation. Students use a computer software package for analysis of data in course projects.
Prerequisites: STA 2023 with a minimum grade of C

QMB 3600 Intro to Management Science 3 credits
Studies fundamental methods of management science; including decision analysis, forecasting, networking, queuing, inventory and linear programming models. The focus is on application of these models to production and operations management problems. Students use a computer software package to assist in case problem analysis.
Prerequisites: STA 2023

QMB 6305 Statistical Methods for Mgt 3 credits
Develops the basic statistical tools used in quantitative analysis in business. Topics include descriptive statistics, interval estimation, hypothesis tests, correlation and regression analysis, analysis of variance and analysis of qualitative data. Emphasis is on applications, concepts and interpretation of results, rather than theory and calculations. Students use a computer software package for data analysis.

QMB 6603 Quantitative Methods in Bus 3 credits
Introduction to basic quantitative tools used by managers to improve the decision making process in organizations, and the applications of these tools to real life problems. Quantitative methods covered include decision analysis, forecasting, network models, queuing, inventory models, and linear programming. Emphasis is on applications, concepts, and interpretation of results rather than theory and calculations. Students use a computer software package for model analysis.
Prerequisites: QMB 6305

RED 4310 Early Literacy Learning 3 credits
Prepares preservice teachers to understand the foundations of literacy and the learning principles and instructional strategies necessary to provide literacy instruction to emergent, novice, and transitional readers and writers.
Prerequisites:

RED 4344 Methods Teaching Reading 3 credits
This course is designed for students who need a comprehensive foundations of research-based practices course in the teaching of reading K-12 at the undergraduate level. Content includes the principles of scientifically basec reading research, the reading process, reading instruction, components of reading, student mastery, teacher reflection and professional development. Content is based upon the Florida online FOR-PD course.

RED 4350 Literacy Content & Processes 3 credits
The second course that examines literacy from an integrated perspective. The intermediate elementary and middle school child is the focus for the study that includes assessment and instructional planning for developmental reading, writing, listening, speaking, and the support skills for the language arts with an emphasis on content area literacy.
Prerequisites: EDF 3201 with a minimum grade of C

RED 4511 Lit in Intermed & Mid Grades 3 credits
Prepares preservice teachers to facilitate literacy learning for students who are beyond the primary grades. Students will develop an understanding of instructional strategies and materials appropriate for remedial, multicultural, and mainstream students, including and theories of reading disabilities, develop ways to promote literacy development across the curriculum with an emphasis on content area reading.
Course Descriptions

RED 5147L Developmental Reading 3 credits

RED 6116 Found of Read Instr 3 credits
Approaches, materials, and procedures in K-12 reading instruction, with emphasis on pertinent current research. Undergraduate introductory course in reading required as a prerequisite.
Prerequisites:

RED 6516 Corrective Reading in Classroom 3 credits
Use of diagnostic and prescriptive procedures with individual and group reading instruction.
Prerequisites:

RED 6540 Assessment in Literacy 3 credits
Sources of information for assessing literacy performance in the K-12 classroom. Emphasis on informal classroom assessments in reading that includes screening, diagnosis and progress monitoring.
Prerequisites:

RED 6544 Comprehension & Cognition 3 credits
Advanced classroom reading instruction that explores reading as a process of constructing meaning in the K-12 classroom. Connections to ways that reading comprehension is supported by writing and listening.
Prerequisites:

RED 6545 Vocabulary & Word Study 3 credits
Advanced classroom reading methods to teach the fluent decoding of words and the construction meaning for students K-12.
Prerequisites:

RED 6656 Instruct Struggling Readers 3 credits
An analysis of research relevant to the identification, placement, and instructional strategies effective with students with reading difficulties, learning disabilities, and diverse populations in the area of literacy. Differentiated instruction and strategies to use with struggling readers are examined.
Prerequisites:

RED 6846 Practicum 3 credits
Application of knowledge gained with supervision, guidance, and support of colleagues and university professors.
Corequisites:

RED 6971 Thesis: Masters/Ed Specialist 1 to 19 credits

REE 3043 Real Estate Fundamentals 3 credits
Study of the business aspects of real estate ownership, contracts, deeds, titles, mortgages, property law, and regulations. Prerequisite FIN 3403 may be taken concurrently.
Prerequisites: FIN 3403

REE 3103 Valuation of Real Property 3 credits
Introduction to the appraisal process. Acquaints the student with the appraisal language and demonstrates the application of a variety of valuation techniques. Topics include determination and estimation of future flows of income and costs, and market criteria that affect the value of commercial, industrial and residential real property.
Prerequisites: FIN 3403 with a minimum grade of C

REE 3204 Advanced Real Estate Finance 3 credits
Real estate financial analysis as applied to various types of property. The course includes a study of the underwriting process, sources of funds, portfolio problems, and governmental programs. Money and mortgage market analysis and the use of modern creative finance are emphasized.
Prerequisites: FIN 3403 with a minimum grade of C

REE 3303 Real Estate Inv Decision Making 3 credits
Advanced concepts of acquisition, ownership and disposition of investment property, taxation, risk/return, cash flow forecasting, financial structuring process, case analysis, strategy formulation for real property.
Prerequisites: FIN 3403 with a minimum grade of C

REE 3433 FL Real Estate License Law 3 credits
This course focuses on licensing law, related state and federal real property and commercial laws for real estate salespersons.
Prerequisites: FIN 3403

REE 4941 Internship in Real Estate 3 credits
Practical application in a clinical setting of knowledge acquired in real estate coursework. (Department approval required) (S/U only)
Prerequisites: FIN 3403

REE 6056 Real Estate Investment Decisions 3 credits
Advanced concepts, principles, and models of real estate finance and investment analysis. Emphasis on case analysis and policy formulation.
Prerequisites: FIN 6406

REE 6435 Real Estate Law 3 credits
This course introduces the student to the various areas of real estate law including: liens, mortgages, construction loans, mortgage foreclosure and repossessions, subdivisions, building restrictions, zoning, condominium ownership, and environmental issues.

REE 6455 Real Estate Law 3 credits
This course introduces the student to the various areas of real estate law including: liens, mortgages, construction loans, mortgage foreclosure and repossessions, subdivisions, building restrictions, zoning, condominium ownership, and environmental issues.

REE 6735 Land Acquisition, Subdivid &Dev 3 credits
Acquisition of raw land; subdivision into sites; provision of utilities & services; financing; merging improved sites. Emphasis on design and development of residential communities.
Prerequisites: FIN 6406

REL 2306 Contemporary World Religions 3 credits
Exploration of the unity and diversity of religious traditions in a global context in order to understand the mutual interactions between religions and cultures. Emphasis on the role of religion in human values systems.
Prerequisites:

REL 3111 Religion in Film 3 credits
Examination of religious themes, images, symbols, and characters in various feature and short films.

REL 3112 Seven Deadly Sins 3 credits
Examines the human condition through the concept of sin from a variety of disciplinary perspectives: historical, religious, philosophical, literary.
Prerequisites: ENC 1101 and ENC 1102

REL 3213 Hebrew Bible 3 credits
A literary/historical approach to the materials in the Hebrew Bible or Old Testament. Various genres of biblical literature
will be studied, as well as the historical setting in which the text was produced.

REL 3241 New Testament 3 credits
A literary/historical approach to the materials in the New Testament. Various genres of biblical literature will be studied, as well as the historical setting in which the text was produced.

REL 3930 ST: Religion 3 credits
An upper division Religious Studies course on a topic indicated in the schedule.
Prerequisites: ENC 1101 and ENC 1102

RMI 3011 Risk Management Insurance 3 credits
Identification of various types of risks; principles underlying selection of appropriate means of handling risks, introduction to life, health, property, liability and other areas of insurance, analysis of insurance as a principal means of managing risk for individuals and commercial entities; organization operation of insurance companies.
Prerequisites: FIN 3403 with a minimum grade of C

SCE 2840C Physical Science for Teachers 3 credits
Survey of the physical sciences including physics, chemistry, astronomy and geology. For non-science majors only.
Fee Required

SCE 4305 Comm Skills in Science Classrm 2 credits
Reading and communication skills important in understanding scientific literature and communicating findings to others.

SCE 4310 Science Methods 3 credits
Focuses on methods of planning, assessment and instruction for effective science and health education.
Prerequisites: EDG 3201 with a minimum grade of C
Fee Required

SCE 4320 Teach Methods Mid Grades Sci 3 credits
Survey techniques and materials unique to science, grades 5-9. Not designed for high school certification purposes.

SCE 4330 Science Methods 6-12 3 credits
Techniques and materials of instruction in middle and secondary school sciences.

SCE 4936 Senior Seminar: Biology Ed 3 credits
Capstone course taken concurrently with the final internship. Trends and issues within the field of secondary education are examined from the perspective of the final internship experience.
Corequisites: SCE 4940

SCE 4940 Internship: Science Education 9 credits
One full semester of internship in a public or private school. In special program where the intern experience is distributed over two or more semesters, students will be registered for credit which accumulates for 9-12 semester hours. (S/U only)

SCE 4941 Integr Field Exper: Science 3 credits
Semester long internship to observe and demonstrate effective teaching practices. Student will partially assume teacher role in selected schools. Student will be in 2-3 settings for a total of 12 weeks. Part of the course experience will be a 2 week experience teaching sound language learners.
Prerequisites: EDF 3201 with a minimum grade of C and EDG 3201 with a minimum grade of C and RED 4350 with a minimum grade of C

SCE 5937 Special Topics in Science Ed 1 to 4 credits
Special topics which can be repeated when topics are not duplicating.

SCE 6326 Meths of Teach Soc Sci, 6-12 6 credits
The course taken as a co-requisite with the final internship, will focus on the methods of teaching social science in middle and senior high school grades. Major themes will address strategies for teaching adolescents, curriculum adaptation for special needs students. Assessment of student learning, and current literature for teaching social science, as well as, strategies for teaching the various disciplinary areas either alone or in an integrated fashion.
Corequisites:

SCE 6336 Science Meth: 6-12 3 credits
Techniques and materials of instruction for teaching science in middle school and senior high school, addressing strategies for teaching adolescents, curriculum adaptation for special needs students, adaptations for LEP learners, and current literature for teaching science. Special emphasis on state and national standards.

SCE 6337 Science Methods: High School 3 credits
Techniques and materials of instruction for teaching science in the high school classroom. Focus on strategies for teaching the older adolescent, curriculum adaptation for special needs and purposes, assessment of student learning, and familiarity with recent literature in the teaching of science.
Prerequisites:
Fee Required

SCE 6366 Science Methods: 6-12 3 credits
Techniques and materials of instruction for teaching science in middle school and senior high school, addressing strategies for teaching adolescents, curriculum adaptation for special needs students, adaptations for LEP learners, and current literature for teaching science. Special emphasis on state and national standards.

SCE 6455 Trends in Science Instruction 3 credits
Topics in the biological and physical sciences appropriate for teaching in elementary school programs. Analysis of modern curriculum materials used in presenting science as a process of inquiry.

SCE 6616 Trends in Science Instruction 3 credits
Topics in the biological and physical sciences appropriate for teaching in elementary school programs. Analysis of modern curriculum materials used in presenting science as a process of inquiry.
Prerequisites:

SCE 6849 Capstone Sem:Environ Education 1 to 3 credits
Candidates will design and concoct a scholarly research project under the direction of the faculty advisor that integrates the principles, theories, and concepts of the core courses of the C & I program and the student's concentration. Students may register for up to 2 additional hours in subsequent semester. Instructor permission required.

SCE 6945 Internship in Sci/Bio, 6-12 6 credits
The M.A.T. program internship is an opportunity to integrate theoretical knowledge from previous education courses with classroom experience to demonstrate behaviors specified in the Educator Accomplished Practices and the Florida Performance Measurement System. Admission to the MAT program or permission of instructor required.

SDS 6820 Intern. in School Counseling 3 to 6 credits
Field experience involving full time participation in all school
counseling and guidance related activities in an elementary or secondary school; classroom guidance, individual and group counseling, assessment/evaluation, staffing, record keeping, etc.

Prerequisites:
Corequisites:

SDS 6830 Internship: School Counseling 3 to 6 credits
An immersion experience for students to assume and perform all the duties associated with the role of the professional school counselor. Focus will be on extending knowledge from previous courses into practice in the professional setting.

Prerequisites: MHS 6401
Corequisites:

SLS 1108 Effective Learning Sci & Math 2 credits
Introduction to skills required for science and mathematics courses. The topics include laboratory report documentation, searching scientific literature, writing laboratory reports, use of the graphing calculator, use of Excel for science calculations, graphing and analysis of data, general learning strategies such as note-taking and listing skills and relation of science and math to the FGCU student learning outcomes.

SLS 1501 Effective Learning 3 credits
Development of strategies for success in higher education. Course includes assessment of individual learning styles and practical application to time management; effective note-taking; study and testing habits; and use of information resources.

SOP 2770 Intro to Human Sexuality 3 credits
The biopsychosocial perspective will be used to examine the fundamentals of human sexuality and sexuality related issues to include the nature, variety and consequences of human sexual behavior.

Prerequisites: PSY 2012 with a minimum grade of C

SOP 4004 Social Psychology 3 credits
Survey of methods, empirical findings, and theoretical interpretations in the study of individual behavior and group processes. Topics include persuasion, stereotyping, aggression, altruism, and social influence.

Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

SOP 4714C Environmental Psychology 3 credits
Explores the influences of environment on behavior. Topics considered include crowding, privacy, territorial behavior, environmental design, and pollution effects.

Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C and (PSY 3017 with a minimum grade of C or PSY 3044 with a minimum grade of C)

SOW 3036 Introduction to Social Work 3 credits
An overview of the profession of social work and of the fields of social work practice such as health, mental health public administration, education, social welfare, recreation, criminal justice, youth services, and rehabilitation.

SOW 3101 HBSE I 3 credits
Covers, from an ecological and critical perspective, community as context, support, and vehicle of change, groups as contexts of development, and individual and social change, and the family as a community subsystem.

SOW 3102 HBSE II 3 credits
Covers community as context and support, and vehicle of change within an ecological and critical perspective, the importance of peer and support groups, and social networks and organizations.

Prerequisites: SOW 3101 and SOW 3322

SOW 3232 Social Policy 3 credits
Survey the historical, political, and administrative context in which social welfare policies are developed, implemented, and evaluated. Emphasis on current program funding and the policy cycle. Fundamentals of policy advocacy on local, state, and national levels. It is suggested that students take ECO 2013; POS 2041 or POS 2112 before enrolling in this course.

SOW 3300 Practice I 3 credits
This first of three required social work practice courses introduces students to the profession, focuses on phases of the helping process, and teaches students tasks and skills required in practice.

SOW 3322 Practice II: Groups 3 credits
Integration of academic theories and field experiences related to group practice and community interventions in relation to the structure, function, and dynamics of groups and communities.

Prerequisites: SOW 3300
Corequisites: SOW 3102

SOW 4060 BSW Field Education I 6 credits
Supervised field internship required of all BSW majors. Placement is made by the Coordinator of Field Education. 250 contact hours are required. This course is section I of the field requirement.

Prerequisites: SOW 3101 and SOW 3102 and SOW 3232 and SOW 3300 and SOW 3322
Corequisites: SOW 4521

SOW 4061 BSW Field Education II 6 credits
Part II of the required supervised field experience consisting of 250 contact hours in the same agency as Field Education I unless otherwise directed by the Coordinator of Field Education.

Prerequisites: SOW 4060
Corequisites: SOW 4522

SOW 4194 Inter-relational Violence 3 credits
Examines dynamics related to inter-relational violence and the dynamic constructs of violence, offender profiles and victim intervention strategies.

SOW 4274 International Social Work 3 credits
Explores the social meanings and implications of different groups of people within an International environment with emphasis on local social service delivery systems. Students observe and compare and contrast traits in people from countries.

SOW 4314 Practice III: Case Management 3 credits
Approaches used by the generalist social worker to meet the service needs of the client. Case management with children and families, chronically mentally ill, developmental and physically disabled, chronic substance abusers, and those in health care settings.

Prerequisites: SOW 3322

SOW 4332 Practice IV 3 credits
Focuses on the role of the social worker in effecting change in the community and organizations. Provides a basic introduction to tools for community organizing, advocacy and lobbying in the context of the social work change process. Social, political and economic factors that influence change in large systems will be discussed.

Prerequisites: SOW 4314
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SOW 4401</td>
<td>Social Work Research</td>
<td>3</td>
</tr>
<tr>
<td>SOW 4521</td>
<td>BSW Field Seminar</td>
<td>3</td>
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<tr>
<td>SOW 4522</td>
<td>BSW Integrative Senior Seminar</td>
<td>3</td>
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<tr>
<td>SOW 4601</td>
<td>Issues in Health/Mental Health</td>
<td>3</td>
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<tr>
<td>SOW 4643</td>
<td>Issues in Aging</td>
<td>3</td>
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<td>SOW 4650</td>
<td>Child Abuse</td>
<td>3</td>
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<tr>
<td>SOW 4676</td>
<td>Loss and Bereavement</td>
<td>3</td>
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<tr>
<td>SOW 4677</td>
<td>Vulnerable Populations</td>
<td>3</td>
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<td>SOW 4700</td>
<td>Chemical Dependency</td>
<td>3</td>
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<td>SOW 4724</td>
<td>Child Welfare</td>
<td>3</td>
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<tr>
<td>SOW 4901</td>
<td>Independent Study</td>
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<tr>
<td>SOW 4910</td>
<td>Human Behavior in SocEnv I</td>
<td>3</td>
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<tr>
<td>SOW 4914</td>
<td>Human Behavior in SocEnv II</td>
<td>3</td>
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<tr>
<td>SOW 4924</td>
<td>Eco-Assessment Psychopathology</td>
<td>3</td>
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<tr>
<td>SOW 4930</td>
<td>CCP IV: Community Organization</td>
<td>3</td>
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<tr>
<td>SOW 4981</td>
<td>Grassroots Community Org</td>
<td>3</td>
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<tr>
<td>SOW 6235</td>
<td>Social Welfare and History</td>
<td>3</td>
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<tr>
<td>SOW 6245</td>
<td>Human Behavior in SocEnv I</td>
<td>3</td>
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<tr>
<td>SOW 6260</td>
<td>Human Behavior in SocEnv II</td>
<td>3</td>
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<tr>
<td>SOW 6270</td>
<td>Eco-Assessment Psychopathology</td>
<td>3</td>
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<tr>
<td>SOW 6280</td>
<td>CCP IV: Community Organization</td>
<td>3</td>
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<tr>
<td>SOW 6290</td>
<td>Grassroots Community Org</td>
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</tbody>
</table>

This course presents experimental research and program evaluation tools with emphasis on gathering data, operationalizing research and evaluative hypotheses, and analyzing and interpreting research. Basic statistical applications and the use of statistical software are introduced. It is suggested that students take STA 2023, SYG 2000 or PSY 2012 before enrolling in this course.

Integrates theory and practice and provides an interactive venue for field related issues. Students are expected to demonstrate skills and knowledge related to their internship experience.

Prerequisites: SOW 3101 and SOW 3102 and SOW 3300 and SOW 3322

The capstone course in the BSW program. Classroom and field learning are integrated. Students prepare to enter professional field of practice.

Prerequisites: SOW 3102 and SOW 3101 and SOW 3322

This course examines the impact of poverty on the health and mental health status of Americans and the role of social work in ameliorating that impact. The literature examining the socioeconomic factors in determining health status and access to health care will be reviewed. Comparison will be made with other developed nations. This semester particular emphasis will be placed on two recently released reports of the U.S. Public Health Service: Healthy People 2010 and The Surgeon General’s Report on Mental Health. Comparisons will be made with pending state and federal legislation. Social Work practice within health and mental health specialty area will be examined from contemporary perspectives and projections for the future. There will be opportunity to earn at least six hours community service through participation in a primary health care activity.

Examines the changing portrait of older persons and how aging is shaped by race, class, culture, gender, sexual orientation, physical and social environments, cohort experiences, and ageism.

This introduction to child maltreatment course provides definitions of various types of maltreatment, characteristics of perpetrators and maltreated children and indicators of child abuse and neglect. Child protection investigations, treatment, and the professional’s role in a multidisciplinary team approach are also included.

Overview of loss and bereavement related to death, health, job or relationships. Examines the historical, cultural, social and legal aspects of death and bereavement.

Examines issues in vulnerable populations of interest to social service providers in Southwest Florida such as policy, practice, service delivery and community needs. Context varies with current conditions.

Examines contemporary controversies surrounding social, psychological, and biological theories of substance abuse and treatment, analyzes the impact of these controversies on social service systems and presents implications for practice.

Current issues about children and families in Southwest Florida including historical perspectives, policy, practice, service delivery, and community needs for services in daycare, public welfare, child abuse and neglect services, juvenile courts and ethics.

Individual Study by students under the direction of a faculty member. Topics vary and are usually selected on an individual basis.

Within an ecological and critical perspective, the course covers community, groups and family. The concept of life course is introduced and investigated. The differences of class, cultural, sexual orientation as well as the special needs of children and families are also investigated. Global perspectives on select social problems will be emphasized.

The course uses an ecological and critical perspective to understand organizations, political structure and the community. Social Work values, ethics and context pertinent to women, people of color, minorities of sexual orientation and differently abled will be studied and analyzed. A global perspective will also be incorporated.

Within an ecological and empowerment oriented perspective, this course addresses biopsychosocial responses to environmental, social, and psychological stress. It identifies major forms of mental disorders (psychopathology) with focus on etiology typical response patterns, and empowerment oriented treatment implications. DSM-IV and social work approaches to assessment of psychopathology are compared and contrasted. This course is a critical theoretical underpinning for clinical community social work practitioners. This course fulfills a requirement for clinical licensure in Florida.

This is a methods course with content on group work. Students are expected to conduct treatment or task groups in a diverse community and record and analyze these practice experiences, integrating theory and practice.

This methods course with content on group work. Students are expected to conduct treatment or task groups in a diverse community and record and analyze these practice experiences, integrating theory and practice.

The focus of this course is clinical community practice using strategies and tactics of grassroots community organizing within the values and ethics of empowerment practice with a multicultural perspective.

This is a methods course with content on group work. Students are expected to conduct treatment or task groups in a diverse community and record and analyze these practice experiences, integrating theory and practice.

Introduction to the historical development of the social work profession, the US welfare system and the underlying values, assumptions and philosophical perspectives that have influenced and shaped current policies and social welfare legislation from an ecological systems and global perspective. The influence of race, class, gender, ethnicity, age and sexual orientation on economic and political forces resulting in dif-
ferential policies and programs will be examined.

SOW 6236  Social Policy and Programs  3 credits
Reviews the impact of political and legislative processes on vulnerable populations using models of policy analysis, policy implementation and service delivery within an ecological systems and critical analysis framework.
Prerequisites:

SOW 6305  Integrated Soc Wk Practice I  3 credits
Introduces students to the social work profession and focuses on the initial phase of the helping process. Students will learn to connect assessment with intervention planning for all types of systems (individuals, families, groups, communities, political). Special emphasis is on examining these systems using an ecological systems perspective.
Prerequisites: SOW 6532 or SOW 6553
Corequisites:

SOW 6306  Integrated SocWK Practice II  3 credits
With an ecological perspective, the course emphasizes agency change and the skills needed to effect change in human service organizations.
Prerequisites: SOW 6305 and (SOW 6554 or SOW 6533)
Corequisites: SOW 6533

SOW 6344  CCP III: Groups  3 credits
This is a methods course designed to provide reinforcement of foundation year course content on group work. Students are expected to conduct treatment or task groups in a diverse community and record and analyze these practice experiences, integrating theory and practice.
Prerequisites: SOW 6306 and (SOW 6535 or SOW 6557)
Corequisites: SOW 6362

SOW 6362  CCP III: Individual and Family  3 credits
Seeks to deepen the knowledge base of integrated social work practice including the life model and empowerment approaches to social work model and empowerment approaches to social work practice. The aim is to develop student’s knowledge skills and capacity for more autonomous practice so that they are prepared to help diverse client populations in diverse settings and be able to evaluate the effectiveness of their own practice.
Prerequisites: SOW 6306 and (SOW 6535 or SOW 6557)
Corequisites: SOW 6344

SOW 6369  CCPIV: Integrative Seminar  3 credits
Focuses on consolidating professional identity and ethics. Applying empowerment based clinical expertise to practice with individuals, families, small groups, communities and organizations in congruence with field placement experiences.
Prerequisites: SOW 6362 and SOW 6344 and (SOW 6537 or SOW 6558)
Corequisites: SOW 6180

SOW 6383  Administration I  3 credits
This course introduces the essential knowledge and skills needed to effectively manage social service units, agencies or organizations. Concepts of effective management will be discussed including leadership skills and style.
Prerequisites:

SOW 6384  Supervision and Training  3 credits
Examines philosophy, functions, principles and methods of supervision as well as staff development and training in diverse agency settings within the context of social work value and ethics. Emphasis is given to the knowledge and skills required to motivate and retain an effective multicultural workforce, to effectively supervise varying levels of staff, (volunteers, non-professionals, professionals, including clinical supervision), as well as program, teams, or agency units.
Prerequisites: SOW 6383
Corequisites: SOW 6386

SOW 6386  Administration II  3 credits
Students will learn strategic planning; designing and restructuring organizations; managing finances; managing multicultural workplaces and culturally competent programs; and program evaluation. The case method is used to apply theories to the practical administrative problems and to increase students’ understanding of alternative ways to analyze and resolve problems.
Prerequisites: SOW 6383

SOW 6405  Social Work Research Methods I  3 credits
An introduction to scientific inquiry specifically, problem formulation, research methodology, analysis of quantitative and qualitative data, presentation of findings and application to social work practice. Ethical issues concerning use of human subjects and the selection of research techniques sensitive to social diversity and population-at-risk will be demonstrated.

SOW 6435  SWK Research II: Program Eval  3 credits
Capstone research course with a focus on practice evaluation using single subject designed and program evaluation. Particular attention will be paid to the ethical issues of conducting research, especially with oppressed and vulnerable populations.
Prerequisites: SOW 6405
Corequisites:

SOW 6532  Field Education I  3 credits
Introduces students to beginning integrated social work practice in an approved agency where they will have an opportunity to develop generic skills applicable to individuals, families, groups and communities. Students spend 275 hours or 18 hours per week at approved placement practice sites.
Prerequisites: SOW 6305 or SOW 6553
Corequisites:

SOW 6533  Field Education II  3 credits
Designed to allow students to practice within an empowerment oriented, ecological approach at a beginning generalist level, developing skills in working with individuals, families, groups, communities and wider systems.
Prerequisites: SOW 6532 and SOW 6305 and SOW 6105
Corequisites: SOW 6306

SOW 6535  Field Instruction III  3 credits
An advanced level social work practice course that provides students with specific skills applicable to individuals, families, groups and communities. These practice skills are based upon an ecological and empowerment oriented perspective that addresses biopsychosocial responses to environmental, social, and psychological stress. DSM-IV assessment is included.
Prerequisites:

SOW 6306  Field Education IV  3 credits
During this semester students will continue to conduct multi-modal clinical, group, and community oriented assignments of increased complexity. They will continue to integrate classroom and practice learning through assignments.
Prerequisites: SOW 6535
Corequisites: SOW 6180, SOW 6369

SOW 6552  Field Education IC - Part time  2 credits
MSW students have an opportunity to apply third semester generalist social work practice skills to individuals, families, groups, and communities. Students spend 183 hours per se-
Addresses clinical community practice with children in a variety of settings, such as family agencies, child guidance, child welfare agencies, protective services, schools, and medical settings. Course content will include assessment and intervention with children focusing on cultural competency skills for working on problems affecting children, such as parenting, child abuse and neglect, trauma, school performance, etc.

SOW 6900 Independent Study 1 to 3 credits
A reading program in selected topics under supervision of a faculty member. A formal contract must be approved by the Chairperson. Admission to MSW program and Departmental approval required.

SOW 6931 Special Topics in Social Work 3 credits
Examines advanced topics in social work practice and theory. The specific topic varies to meet the needs of current students and practitioners. Restricted to MSW students; others by departmental approval.

SPA 2612 Basic American Sign Language 3 credits
Introduction to American Sign Language as used in the deaf community. General discussion of ASL systems and philosophies. Emphasis on building a basic vocabulary. One-hour laboratory course (SPA 2612L) to be taken concurrently. Corequisites: SPA 2612L

SPA 2612L Basic American Sign Lang. Lab 1 credits
A laboratory designed to offer additional practice in sign language by means of videotapes. Concurrent enrollment at each level of sign language is required. Corequisites: SPA 2612

SPA 2613 Interim American Sign Language 3 credits
A continuation of the basic course which expands the student’s signing skills and introduces American Sign Language idioms. Provides a greater opportunity for skill development in ASL structure and idiomatic language. One-hour laboratory course to be taken concurrently. Corequisites: SPA 2613L

SPA 2613L Interim American Lang. Lab 1 credits
A laboratory designed to offer additional practice in sign language by means of videotapes. Concurrent enrollment in SPA 2613. Corequisites: SPA 2613

SPA 3612 Basic American Sign Language 3 credits
Introduction to American Sign Language as used in the deaf community. General discussion of ASL systems and philosophies. Emphasis on building a basic vocabulary. One-hour laboratory course (SPA 3380L) to be taken concurrently. Corequisites: SPA 3612L

SPA 3612L Basic American Sign Lang. Lab 1 credits
A laboratory designed to offer additional practice in sign language by means of videotapes. Concurrent enrollment at each level of sign language is required. There are no prerequisites. May be repeated up to two credit hours. Corequisites: SPA 3612

SPA 4000 Commn Disorders in Pub Schls 3 credits
An examination of the speech, language and hearing problems affecting school age children and the classroom teacher’s role in the detection, prevention and amelioration of communication disorders.

SPA 4613 Interim American Sign Language 3 credits
A continuation of the basic course which expands the student’s signing skills and introduces American Sign Language idioms. Provides a greater opportunity for skill development...
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<tr>
<th>SPC 4900 Directed Reading/Ind. Sty 1 to 6 credits</th>
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<tbody>
<tr>
<td>SPC 3602 Advanced Public Speaking 3 credits</td>
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<tr>
<td>SPC 3604 Environmental Public Speaking 3 credits</td>
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<tr>
<td>SPC 3721 Interracial/Intercultural Comm 3 credits</td>
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</tbody>
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Covers theories of and approaches to interpersonal, empathic, academic, therapeutic, and appreciative listening.

Prerequisites: SPC 2023 with a minimum grade of B or Senior standing. May be repeated for a maximum of 4 credit hours.

SPC 3210 Theories of Human Communication 3 credits

Examines human communication theories in a variety of areas including: interpersonal, nonverbal, information processing, verbal, intrapersonal, message production, group and public communication.

Prerequisites: SPC 3210 with a minimum grade of C.

SPC 3301 Interpersonal Communication 3 credits

Basic characteristics of the systems and symbolic interaction approaches to interpersonal communication, consideration of interpersonal needs, self disclosure, listening, perception, attraction, and social conflict.

Prerequisites: SPC 3210 with a minimum grade of C.

SPA 4614 Adv American Sign Language Lab 1 credits

A laboratory designed to offer additional practice in sign language by means of videotapes. Concurrent enrollment in SPA 4613. May be repeated up to two credit hours.

Prerequisites: Corequisites: SPA 4613

SPA 4614 Adv American Sign Language 3 credits

A continuation of the study of American Sign Language at the advanced level. Added emphasis on idioms, body language and facial expressions.

Prerequisites: Corequisites: SPA 4614L

SPA 4613L Intern American Lang. Lab 1 credits

A laboratory designed to offer additional practice in sign language by means of videotapes. Concurrent enrollment in SPA 4613. May be repeated up to two credit hours.

Prerequisites: Corequisites: SPA 4613

SPA 4614L Adv American Sign Language Lab1 credits

An advanced laboratory course designed to accompany Advanced American Sign Language (ASL) and to provide practice of the material presented through live demonstration as well as audio/video tapes.

Corequisites: SPA 4614

SPC 1595 Intercollegiate Speech Debate 1 credits

Competitive forensics participation for students with limited experience. May be repeated for a maximum of 4 credit hours.

Prerequisite: Consent of Instructor.

SPC 1596 Forensics Activity 1 credits

Noncompetitive forensics participation for students with limited experience. May be repeated for a maximum of 4 credit hours.

SPC 1600 Fundamentals of Communication 3 credits

Introduces students to the full range of communication from interpersonal communication and small group communication to public speaking. Students explore fundamental communication concepts and topics and develop skills to put these principles to work.

SPC 2023 Public Speaking 3 credits

Instruction and practice in effective public speaking. Includes practical experience in speech composition, delivery, and critique.

SPC 3245 Group Communication 3 credits

Instruction and practice in group communication. May be repeated for a maximum of 4 credit hours.

Prerequisites: SPC 2023 with a minimum grade of B or Senior standing. May be repeated for a maximum of 4 credit hours.

SPC 3248 Stand-Up Comedy 3 credits

Upper-level performance class exploring stand-up comedy. The course will focus on four primary methodologies: (1) History of stand-up comedy (2) Rhetorical analysis of stand-up comedy (3) Development and performance of an original five-minute routine (4) Production and promotion of a stand-up comedy show.

Prerequisites: SPC 2023 with a minimum grade of B

SPC 3242 Group Communication 3 credits

Students study small group discussion and problem solving in this course. A basic understanding of theory behind purposeful discussion is taught in addition to providing students with practical experiences participating in or leading small groups.

Prerequisite: Consent of Instructor.

SPA 4613L Interm American Lang. Lab 1 credits

A laboratory designed to offer additional practice in sign language by means of videotapes. Concurrent enrollment in SPA 4613. May be repeated up to two credit hours.

Prerequisites: Corequisites: SPA 4613

SPA 4614 Adv American Sign Language 3 credits

A continuation of the study of American Sign Language at the advanced level. Added emphasis on idioms, body language and facial expressions.

Prerequisites: Corequisites: SPA 4614L

SPC 1593 Intercollegiate Speech Debate 1 credits

Competitive forensics participation for students with experience. May be repeated for a maximum of 4 credit hours.

Prerequisites: Good academic standing, Junior Status and consent of the instructor.

SPC 3594 Forensics Activity 1 credits

Noncompetitive forensics participation for students of Junior or Senior standing. May be repeated for a maximum of 4 credit hours.

SPC 3596 Forensics Activity 1 credits

Noncompetitive forensics participation for students with limited experience. May be repeated for a maximum of 4 credit hours.

SPC 3593 Intercollegiate Speech Debate 1 credits

Competitive forensics participation for students with experience. May be repeated for a maximum of 4 credit hours.

Prerequisites: SPC 1025 or SPC 2023

SPC 3592 Advanced Public Speaking 3 credits

Development of public speaking abilities to become proficient as applied in oral discourse, analysis of evidence and modes of reasoning. Practical experience with debate preparation, delivery, analysis, research and critical evaluation.

SPC 3513 Argumentation and Debate 3 credits


Prerequisite: Consent of the instructor.

SPA 3210 Theory of Public Speaking 3 credits

Examines public speaking from the theoretical perspective of three major areas: (1) Situational (2) Content and message (3) Delivery.

Prerequisites: SPA 2023 with a minimum grade of B.

SPA 4613L Adv American Sign Language Lab 1 credits

An advanced laboratory course designed to accompany Advanced American Sign Language (ASL) and to provide practice of the material presented through live demonstration as well as audio/video tapes.

Corequisites: SPA 4613

SPA 4614 Adv American Sign Language 3 credits

A continuation of the study of American Sign Language at the advanced level. Added emphasis on idioms, body language and facial expressions.

Prerequisites: Corequisites: SPA 4614L

SPA 4613L Intern American Lang. Lab 1 credits

A laboratory designed to offer additional practice in sign language by means of videotapes. Concurrent enrollment in SPA 4613. May be repeated up to two credit hours.

Prerequisites: Corequisites: SPA 4613

SPA 4614 Adv American Sign Language Lab 1 credits

An advanced laboratory course designed to accompany Advanced American Sign Language (ASL) and to provide practice of the material presented through live demonstration as well as audio/video tapes.

Corequisites: SPA 4614
SPC 4932 Senior Seminar 3 credits
Supervised senior projects. Examination of relevant current communication research. Shared results of student research.
Prerequisites: SPC 3210 and PHI 3223 and PHI 3106 and SPC 3721

SPC 4941 Internship 1 to 6 credits
Supervised professional experience in a communication related field. Interns report to and are assessed by a faculty member.
Prerequisites: SPC 3210 and PHI 3223 and PHI 3106 and SPC 3721

SPC 4944 Enviro Communication Internship 1 to 6 credits
Supervised professional experience with environmental organizations. Internships involve work with bona fide professional organizations strongly involved with environmental communication. Interns report to and are assessed by a faculty member.
Prerequisites: SPC 3210 and PHI 3223 and PHI 3106 and SPC 3721

SPM 3004 Principles of Sports Mgt 3 credits
The role of sport management in contemporary sporting environments. Focus will be on providing an introduction to sports industry; growth trends in the industry; and careers in the industry, including an overview of management in the professional sports franchise; intercollegiate athletics, sports marketing and promotions; sports law; facilities management; the health club and resort industry; sports tourism; and other current trends in sport management. (Junior standing required)

SPM 4104 Sport Facility & Event Mgt. 3 credits
An understanding of the role of the facility in society is stressed. Topics include building a facility, feasibility studies, financing a facility, furnishing of a facility, types of facilities, producing events, day-to-day operations, concessions, maintenance, franchise interaction, and the career paths to become a successful facility manager. Special event programming topics covered include protocols in planning sports events, risk management assessment, celebrity contracts, media marketing, sponsorship, merchandising, advertisement, hospitality, and assessment of event success.
Prerequisites: PET 3460 or SPM 3004

SPM 4304 Sports Promotion 3 credits
An introduction to the marketing of sport as a product and the promotion of sport activities. Topics include the definition of the market, consumer analysis, market segmentation, product licensing, product positioning, pricing, promotion, marketing communication, and distribution, as they apply to sports. Corporate sponsorship, fundraising, sales and public relations are also covered.
Prerequisites: PET 3460 or SPM 3004

SPN 1030 Span for Health Professions I 3 credits
This course emphasizes on the practical application of Spanish to communicational situations relative to patients and personnel.
Corequisites: SPN 3013L

SPN 1031 Span for Health Profession II 3 credits
This course emphasizes on the practical application of Spanish to communicational situations relative to patients and personnel.
Prerequisites: SPN 1030 with a passing grade
Corequisites: SPN 3013L

SPN 1100 Beginning Spanish I 3 credits
This is the first course in the first-year Spanish sequence and introduces students to the Spanish language. The topics included in the course are Spanish grammar, syntax, and vocabulary. Through the application of the grammar and vocabulary, students are introduced to some of the cultures and peoples of Spanish heritage. Not open to native or near-native speakers of Spanish.
Corequisites: SPN 1100L

SPN 1100L Beginning Spanish I Lab 1 credits
The lab provides opportunities for students to practice listening comprehension, speaking, sounds, and the grammar and vocabulary learned in this course.
Corequisites: SPN 1100

SPN 1101 Beginning Spanish II 3 credits
This is the second course in the first-year Spanish sequence and continues to introduce students to the Spanish language. The topics included in the course are Spanish grammar, syntax, and vocabulary. Through the application of the grammar and vocabulary, students are introduced to some of the cultures and peoples of Spanish heritage. Not open to native or near-native speakers of Spanish.
Prerequisites: (SPN 1100 with a passing grade and SPN 1100L with a passing grade) or (SPN 1120 with a passing grade and SPN 1120L with a passing grade)
Corequisites: SPN 1101L

SPN 1101L Beginning Spanish II Lab 1 credits
This is the laboratory which accompanies SPN 1101. Through oral and written exercises, it provides students with the opportunities to practice what they have learned in the classroom.
Prerequisites: (SPN 1100 with a passing grade and SPN 1100L with a passing grade) or (SPN 1120 with a passing grade and SPN 1120L with a passing grade)
Corequisites: SPN 1101

SPN 2200 Intermediate Spanish I 3 credits
A review of the basic structure of spoken and written Spanish is offered in this course. The emphasis lies on communication, reading, and writing. The class is not open to native or near-native speakers of Spanish.
Prerequisites: (SPN 1121 with a minimum grade of C and SPN 1121L with a minimum grade of C) or (SPN 1101 with a minimum grade of C and SPN 1101L with a minimum grade of C)
Corequisites: SPN 2200L

SPN 2200L Intermediate Spanish I Lab 1 credits
The course is a laboratory designed to offer additional practice using various instructional technologies and media. Concurrent enrollment with a lecture session is required and, if dropped, then dropped simultaneously. The class is not open to native or near-native speakers of Spanish.
Prerequisites: (SPN 1120 with a passing grade and SPN 1120L with a passing grade) or (SPN 1101 with a passing grade and SPN 1101L with a passing grade)
Corequisites: SPN 2200

SPN 2201 Intermediate Spanish II 3 credits
This is the second half of second year Spanish. Prerequisite: Placement Test
Corequisites: SPN 2201L

SPN 2201L Intermediate Spanish II Lab 1 credits
This is the lab that accompanies SPN 2201.
Corequisites: SPN 2201

SPN 2240 Conversation 3 credits
Development of basic conversational skills. The class is not open to native or near-native speakers of Spanish.
Course Descriptions

SPN 2241  Conversation II  3 credits
This is a continuation of SPN 2240. Prerequisite: Placement Test.
Prerequisites: SPN 2200 with a minimum grade of C and SPN 2200L with a minimum grade of C and SPN 2201 with a minimum grade of C and SPN 2201L with a minimum grade of C and SPN 2202 with a minimum grade of C

SPN 2270  Study Abroad  1 to 6 credits
An intensive study-travel program in a Spanish-speaking country is the focus of this course.
Prerequisites: SPN 1121 with a passing grade or SPN 1101 with a passing grade

SPN 2303L  Span for Professional Pers Lab  1 credits
The course is a laboratory geared to linguistic needs of professional groups and beginning language study with specific emphasis to meet interests and needs of the class, such as medical, business, technical.
Corequisites: SPN 3013

SPN 3202  Latin American Literature  3 credits
Works of outstanding Latin American authors from Columbus through the 20th century. Readings of some pre-Columbian texts, chronicles, colonial, 19th and 20th century texts. Advanced reading/writing knowledge of Spanish. Lectures in Spanish only.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPN 3270  Study Abroad  1 to 6 credits
An intensive study-travel program in a Spanish-speaking country is the focus of this course.
Prerequisites: SPN 1121 with a passing grade

SPN 3300  Composition  3 credits
A study of syntax, grammar, vocabulary, and writing is the focus of this course. The class is not open to native or near-native speakers of Spanish. Prerequisite: Placement Test.
Prerequisites: SPN 2200 with a passing grade and SPN 2201 with a passing grade

SPN 3350  Spanish for Native Speakers  3 credits
Intensive Spanish grammar, syntax, and phonetics for native speakers who have had little or no formal training in the language. Permission of instructor required.

SPN 3400  Conversation & Composition I  3 credits
Practice in listening comprehension, speaking, reading and writing is the focus of this course. The class involves reading texts, collateral reading, reports, and discussions of written compositions. Prerequisite: Placement Test, or Instructor’s Authorization.
Prerequisites: SPN 2201 with a passing grade

SPN 3401  Conversation & Composition II  3 credits
Continuation of practice in understanding, speaking, reading, and writing. It includes reading texts, collateral reading, reports and discussions of written compositions.
Prerequisites: SPN 3400 with a passing grade

SPN 3411  Advanced Oral Expression  3 credits
Oral skills, using literary text from Spain and Latin America as sources of discussions, oral reports, speeches, and conversations. It includes diction exercises, phonetic drills, and extensive recordings. Prerequisites: Instructor’s Authorization.
Prerequisites: SPN 2201 with a minimum grade of C or SPN 2240 with a minimum grade of C

SPN 3500  Survey of Span Cult & Civ I  3 credits
Introduction to the people, institutions, and culture of Spain, from its origins to the aftermath of Spain’s Golden Age and world influence. For third and fourth year Spanish majors, and non-majors. Lectures as well as assigned reports and papers are in Spanish. Prerequisite: Instructor’s Authorization.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPN 3520  Latin Amer Cult & Civ I  3 credits
Introduction to the people, institutions, cultures, and civilizations of Latin America, from its pre-Columbian origins through the Spanish conquest and colonial period. For third and fourth year majors and non-majors. Lectures as well as assigned reports and papers are in Spanish. Prerequisite: Instructor’s Authorization.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPN 3710  The Spanish Language  3 credits
Applies the principles of linguistics to the design of professional and pedagogical material, and to the study and teaching of Spanish. Recommended for advanced majors, education majors, or teachers planning to teach Spanish. Prerequisite: Instructor’s Authorization.
Prerequisites: SPN 2240 with a passing grade

SPN 4410  Advanced Conversation  3 credits
Intensive practice in the formulation and expression of ideas in standard Spanish is the focus of this course. The class is not open to native or near-native speakers of Spanish. Prerequisite: Instructor’s Authorization.
Prerequisites: SPN 3411 with a minimum grade of C

SPN 4470  Advanced Senior Study Abroad  1 to 6 credits
Foreign residence and advanced study, research, and/or work, internship. Credits earned must be preapproved and will be evaluated on an individual case basis in order to validate transfer of credits. Permission of the instructor’s is required.

SPN 4537  Spec Top in Afro-Hispanic Cult  3 credits
Closely examines various topics related to the culture of African Diaspora groups in the Hispanic World. Lectures are in Spanish; materials may be available in Spanish and English; reports and research papers are accepted in both languages. Open to fourth year majors, and non-majors. The course may be cross-referenced with African Diaspora Studies (see prefix in AFA), or with Latin American Studies (see prefix LAS). Prerequisite: Instructor’s authorization for majors.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPN 4538  Cult Exp of Indig People in LA  3 credits
Examines the various cultural expressions of indigenous peoples of Latin America. Topics include theater, literature, arts and social structures. Lectures are in Spanish; materials may be available in Spanish and English; assigned reports and research papers are accepted in both languages. Open to fourth year majors, and non-majors. This course may be cross-referenced. Prerequisite: Instructor’s authorization for majors.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPN 4910  Directed Independent Research  3 credits
In this course research projects or certain aspects of research are carried out by one or more students under the supervision of an instructor. The class is intended to help students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting. The hours and levels may vary. Only for senior Spanish majors. Prerequisite: Instructor’s Authorization.

Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C and SPN 4537 with a minimum grade of C and SPN 4538 with a minimum grade of C

SPN 4920 Spanish Symposium 3 credits
The course offers special sessions centering around a specific topic that are designed to enhance specific professional skills, including professional portfolio preparation. The topics may vary and are selected on the basis of what is new or currently relevant in the field. The hours and levels may vary. Only for senior Spanish majors. Prerequisite: Instructor’s Authorization.

SPN 4940 Intern Practicum 3 credits
Practicum application in professional settings of knowledge is offered in this course. The hours may vary and levels vary within an institution. Internship/Practicum/Clinical Practice hours are not automatically transferable.
Prerequisites: SPN 4410 with a passing grade

SPT 2721 The Americas: Latino Culture & Soc 3 credits
This course offers a comprehensive view of Latino Culture and Society in Literature and Film. This course will have three distinct sections. A) Places and People will explore issues related to the history of Latin America/Spain, geography and diversity within regions and nations. B) Diversity of the Latino groups and nations culture, language and traditions will be explored as they are represented in art forms such as film and literature. C) Migration and Displacement will explore the causes and consequences of migration, Latinos in the US and immediate Latino communities through first hand accounts or memoir, fiction, journalistic reporting or film.

SPT 3100 Masterpieces 3 credits
Selected readings in English translations of major works of Spanish literature are offered in this course. The class is designed for students with no knowledge of Spanish. Lectures in English.

SPT 3130 Latin-American Literature 3 credits
This class is a survey of Latin American Literature that includes: the Spanish conquest, the colonial period, Independence, 19th and 20th centuries. Highly recommended for Spanish majors. Lectures in English.
Prerequisites: SPN 2201 with a passing grade

SPT 3408 The Americas: Latino Culture & Soc 3 credits

SPT 3523 Women Writers of Latin America 3 credits
Reviews literary works by Latin-American women from the 17th through the 20th century. Topics related to gender, race and ethnicity, values and ethics, social, economic, and political issues are discussed. Readings will include different genres and periods. Highly recommended for Spanish major. Lectures in English.

SPT 3532 Hispanic Cinema 3 credits
Survey of major modern films and directors from Spain, Latin America, and the U.S. Lectures, discussions, and assignments in English.

SPT 4800 Translation Skills I 3 credits
Designed to develop specialized translation skills. It may also cover literacy, scientific, commercial, legal, and general top-ics. Prerequisite: Instructor’s Authorization.

SPT 4801 Professional Translation 3 credits
Techniques and resources for professional translation. Prerequisite: Instructor’s Authorization.

SPT 4806 Oral Skills for Interpreters 3 credits
This course offers voice production in sight translation, consecutive and simultaneous interpretation, vocal projection, enunciation and phonetics. Theory, practice, extensive exercises in vocal control and use of sound equipment are also covered. Prerequisite: Instructor’s authorization.
Prerequisites: SPT 4812 with a passing grade

SPT 4812 Intro to Oral Translation 3 credits
This course provides an introduction to oral translation, public speaking techniques and written texts. Included in Introduction to Oral Translation are theory, concepts, definition and relation to other techniques. Public speaking techniques include voice projection, poise, enunciation, intonation and ways to develop and control while engaging in complicated mental translations. Prerequisite: Instructor’s authorization, placement test.
Prerequisites: SPN 1120 with a passing grade and SPN 1121 with a passing grade and SPN 2200 with a passing grade and SPN 2201 with a passing grade and SPN 2240 with a passing grade and SPN 2241 with a passing grade and SPN 3410 with a passing grade

SPT 4813 Simultaneous Translation 3 credits
Students are provided training in translation through oral and non-structured writing exercises. Prerequisite: Instructor’s authorization, placement test.
Prerequisites: SPN 1120 with a passing grade and SPN 1121 with a passing grade and SPN 2200 with a passing grade and SPN 2201 with a passing grade and SPN 2240 with a passing grade and SPN 2241 with a passing grade and SPN 3410 with a passing grade

SPW 3030 Intro to Span & Latin Amer Lit 3 credits
Prose fiction, drama, poetry, and essay are the main foci of this course. It also focuses on techniques of literary analysis. Prerequisite: Instructor’s Authorization.
Prerequisites: SPN 2201 with a minimum grade of C

SPW 3100 Survey of Spanish Literature 3 credits
Selected literary masterpieces of Spain from Roman times to the present, including poetry, theater, prose, and fiction. Lectures in Spanish only.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 3130 Latin American Literature 3 credits
Works of outstanding Latin American authors from Columbus through the 20th century. Readings of some pre-Columbian texts, chronicles, colonial, 19th and 20th century texts. Advanced reading/writing knowledge of Spanish. Lectures in Spanish only.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 3320 Modern Hisp Theater Workshop I 3 credits
Introduction to acting and oral practice and Spanish: short scenes will be performed in class; participation in a theater production of a sketch/play in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 3423 Masterpieces of Span Gold Age 3 credits
Major works of Spain’s Renaissance and Baroque period (Isabella & Ferdinand through the Habsburg dynasty, 1471-
1700). Advanced reading, writing skills, considerable fluency required. Lectures, texts, discussions, and papers in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 3480 Topics in 20th Cent Span Lit 3 credits
Study of selected works by authors from the 1898 thru the Restoration of King Juan Carlos. Advanced reading, writing skills, considerable fluency required. Lectures, texts, discussions, and papers in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 3782 Hispanic Women Writers 3 credits
Study of representative women writers from Spain, Latin America, and the U.S. Advanced reading, writing skills, considerable fluency required. Lectures, texts, discussions, and papers in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 4282 Contemporary Latin Am Fiction 3 credits
Contemporary masters of short and long fiction works in Latin America. Advanced reading, writing skills, considerable fluency required. Lectures, texts, discussions, and papers in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 4604 Cervantes’ Don Quixote 3 credits
Study of Cervantes’ masterpiece in the original, its importance as the first modern novel, and as a literary production inserted in Counter-Reformation, Baroque Spain. Advanced reading, writing skills, considerable fluency required. Lectures, texts, discussions, and papers in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 4607 Cervantes’ Don Quixote 3 credits
Study of Cervantes’ masterpiece in the original, its importance as the first modern novel, and as a literary production inserted in Counter-Reformation, Baroque Spain. Advance reading, writing skills, considerable fluency required. Lectures, texts, discussions, and papers in Spanish.
Prerequisites: SPN 3300 with a minimum grade of C and SPN 3411 with a minimum grade of C

SPW 4900 Directed Study 1 to 3 credits
Provides an opportunity for students to engage in research of their choice in special areas of interest. The research may be carried out on an individual or group basis but must be under the supervision of the instructor. This course is intended to help students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting. For majors in their senior year. Prerequisite: Instructor’s Authorization.

SPW 4930 Selected Topics 1 to 3 credits
The study of selected issues, scholarly works, themes or movements relating to some aspect of Spanish culture and society. For majors in their senior year. Prerequisite: Instructor’s Authorization.

SSE 4153 Social Science Methods 6-12 3 credits
Instructional strategies and materials that are vital elements of the teacher’s knowledge base for making curricular decisions. Survey techniques and materials unique to social science, grades 6-12.

Prerequisites: EDF 3201 with a minimum grade of C and EDG 3201 with a minimum grade of C

SSE 4313 Teach. Elem. School Soc. Stud. 3 credits
Methods of planning and teaching subjects related to the study of people and their relationships with other people and their environment.

SSE 4333 Teaching Mid School S.S. 3 credits
Identification of major content areas in the social sciences; correlation of social science fields with state curriculum standards and assessment procedures. Topics related to selecting, organizing, and sequencing teaching materials and methods related to unique needs of pre-adolescents. School-based practicum is required in this course. Includes strategies for working with lower-level readers.

SSE 4344 Sec. S.S. Educ. Teaching Meth. 3 credits
Methods of teaching senior high school social sciences. Emphasis on selecting materials, techniques, methods, assessment strategies for high school students. School-based practicum is a requirement of this course. Includes strategies for working with lower-level readers.

SSE 4343 Social Sciences & Humanities 3 credits
Concepts associated with social sciences and humanities. Students will be able to integrate related subjects (e.g. law, humanities, religion, mathematics, and technology) in a comprehensive curriculum. Integrated teaching strategies, methods, and concepts that are appropriate for use with students in grades pre-K through grade 12.
Prerequisites: EDG 3201 with a minimum grade of C

SSE 4640 Comm Skills in Social Studies 2 or 3 credits
Reading and communication skills important to understanding social science literature and the teaching of social science. Will include strategies for enhancing students' reading skills, determining materials readability, and generating strategies for non-readers.

SSE 4936 Senior Seminar: Soc. Science 2 or 3 credits
Synthesis of teacher candidate’s courses and preparation for the professional interview and application process.

SSE 4940 Internship in Soc. Science Ed 9 credits
One full semester of internship in a public or private school. In special programs where the intern experience is distributed over two or more semesters, students will be registered for credit which accumulates for 9-12 semester hours. (S/U only)

SSE 4941 Integ Field Exper:Soc Science 3 credits
Semester long internship to observe and demonstrate effective teaching practices. Student will partially assume teacher role in selected schools. Student will be in 2-3 settings for a total of 12 weeks. Part of the course experience will be a 2 week experience teaching second language learners.
Prerequisites: EDF 3201 with a minimum grade of C and EDG 3201 with a minimum grade of C and RED 4350 with a minimum grade of C and TSL 4520 with a minimum grade of C

SSE 5937 Special Topics in Soc Sci Educ 3 credits
Techniques, strategies, and concepts employed by social science teachers that are effective in motivating middle and high school students to acquire informational and procedural knowledge about various areas of the world. Students are expected to plan an authentic classroom activity demonstrating the use of the methods, techniques and content studied.

SSE 6326 Soc Studies Meth: 6-12 3 credits
Focus on teaching social sciences in middle and senior high school, including strategies for teaching adolescents, curriculum adaptations for special needs and LEP learners, and current literature for teaching social sciences. Special attention given to teaching Florida history and government as well as focus on state and national standards.

Prerequisites:

SSE 6327 Soc Studies Meth: 9-12 3 credits
Focus on teaching social science in high schools. Themes include strategies for teaching students grades 9-12, curriculum adaptation for special needs students, assessment of student learning, and current literature for teaching social science, as well as strategies for teaching the various disciplinary area either alone or in an integrative fashion.

Prerequisites:

SSE 6330 Soc Studies Meth: 9-12 3 credits
Focus on teaching social science in high schools. Themes include strategies for teaching students grades 9-12, curriculum adaptation for special needs students, assessment of students learning, and current literature for teaching social science, as well as strategies for teaching the various disciplinary area either alone or in an integrative fashion.

Prerequisites:

SSE 6617 Trends in Soc Studies Instruc 3 credits
Crucial concepts drawn from the social sciences. Analysis of the problems approach. Students will select an area of independent study on an advanced level.

Prerequisites:

SSE 6945 Internship in Soc Science, 6-12 6 credits

STA 2023 Statistical Methods 3 credits
Basic concepts of probability, data collection, organization and presentation, descriptive statistics, parameter estimation for normally distributed r.v., confidence intervals, hypothesis testing (t and chi-square tests) and regression. Emphasis will be on developing conceptual understanding, model selection, and interpretation skills.

Prerequisites: (MAT 1033 with a minimum grade of C or MAC 1105 with a minimum grade of C or MAC 1147 with a minimum grade of C) MAC 2311 with a minimum grade of C or MGF 1107 with a minimum grade of C)

STA 2037 Statistics with Calculus 3 credits
Calculus-based introduction to statistics. Basic concepts of probability, data collection, organization and presentation, descriptive statistics, random variables and their distributions, parameter estimation, confidence intervals, hypothesis testing (t and chi-square tests). Emphasis will be on developing conceptual understanding, model selection, and interpretation skills.

Prerequisites: MAC 2311 with a minimum grade of C

STA 2122 Social Science Statistics 3 credits
Intermediate course covering applied statistical analysis including analysis of variance, probability theory, correlation, non-parametric, and regression methods.

Prerequisites: PSY 2012 with a minimum grade of C and STA 2023 with a minimum grade of C

STA 3163 Applied Statistics 3 credits
An intermediate level survey of applied statistical methods with reference to practical problems in science and engineering. This course focuses on single and multi-sample inferential statistics, categorical data hypothesis testing, non-parametric methods, regression and correlation methods, experimental design and applications of statistical software.

Prerequisites: STA 2023 with a minimum grade of C

STA 4234 Intro. to Regression Analysis 3 credits
Study of theory and applications of regression analysis. Topics include: general linear model, parameter estimation, residual analysis, polynomial and logarithmic regression, model identification, applications to biological and social sciences.

Prerequisites: MAP 3162 with a minimum grade of C

SYA 3010 Sociological Theory 3 credits
A survey sociological theory from its beginning in the 19th century to the contemporary period. Examines the various schools of thought and major theorists of each of those schools of thought. The works of selected theorists are examined in detail.

SYA 3120 Contemp Sociological Theory 3 credits
This course examines the major theoretical perspective in Sociology which approach the study of society from the perspective of the students.

SYA 3300 Social Research Methods 3 credits
Introduction to research methodologies in the social sciences providing the basic tools and skills necessary for social research. Special attention is paid to research design, data collection, data analysis, processing data analyses and writing reports. The link between Theory and Research is emphasized.

SYA 3310 Qualitative Research Methods 3 credits
An introduction to the techniques of planning and conducting qualitative research. Components of the course will include analyzing and interpreting qualitative data and field research.

Prerequisites: SYG 2000 with a minimum grade of C

SYA 3910 Directed Independent Study 3 credits
Research projects are carried out by one or more students under the supervision of a faculty mentor. Students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting.

SYA 4503 Sociology through Film 3 credits
Presentations of sociological phenomena are explored through the use of film including discussions of implicit and explicit messaging, potential positive and negative effects of film on various aspects of social and cultural behavior.

SYA 4654 Program Development 3 credits
Current issues in program evaluation including the qualitative and quantitative techniques used to design, monitor, and evaluate public and private social programs. Components of this course include field experience and case study analyses.

Prerequisites: SYG 2000 with a minimum grade of C

SYA 4935 Senior Capstone 3 credits
Senior Capstone experience for all Sociology majors. In conference with selected faculty, students will devise a senior project that will emphasize the use of synthesis thinking and skill, as well as application of Sociological concepts. The project must be related to the major. Should be taken the final semester of the student's degree program.

Prerequisites: SYA 3010 with a minimum grade of C and SYA 3300 with a minimum grade of C

SYA 4949 Sociology Internship 3 credits
Practical application of knowledge and skills acquired in the classroom in supervised field settings. Hours may vary and are based upon the nature of the practicum.

SYD 3410 Urban Sociology 3 credits
Study of the nature and development of urban societies, the distribution of populations and the growth of urban institutions.
The processes of urban life include social change, population influences, law enforcement, health, and socio-cultural, economic and political evolution. Implicit in this course is an interdisciplinary approach to the study of rural communities and societies.

Prerequisites: SYG 2000 with a minimum grade of C

SYD 3440 Rural Sociology 3 credits
Examination of the socio-cultural, political, historical and economic dynamics of rural communities and societies throughout the world including in depth cross-cultural analyses of select countries. Implicit in this course is an interdisciplinary approach to the study of rural communities and societies.

SYD 3625 So Fla Sociocultural Systems 3 credits
An interdisciplinary analysis of South Florida, focusing upon social, economic, political and cultural factors which impact the socio-cultural systems. Knowledge and tools for analysis are drawn from demography, cultural ecology, inter-group relations, and conflict resolution.

SYD 3630 Latin Amer Social Structures 3 credits
An overview of Latin American social structure and factors which support or impede social change, collaboration and cultural maintenance.
Prerequisites: SYG 2000 with a minimum grade of C

SYD 3631 Caribbean Social Structures 3 credits
An overview of Latin American social structure and factors which support or impede social change, collaboration and cultural maintenance.

SYD 3730 The African-Amr Experience 3 credits
An examination of historical and social factors which have and continue to impact all peoples of African descent in the Americas including the sociological impacts upon African-Americans and their responses to racial subjugation in their realms of life. Special attention is paid to the social, economic, and political consequences of that subjugation. Also included are discussions of the commonalities of experience among the peoples of African descent in the Americas.

SYD 3770 Race & Culture 3 credits
Historical and contemporary study of relationship between race and culture among various minority groups in the US and other selected western societies. Course is cross cultural and global in content and includes such issues as the evolution of racial beliefs and attitudes, the dynamics of prejudice and discrimination, social policies applied to ethics which are reinforced by legal sanctions, and societal theories which attempt to explain such phenomena.

SYD 3800 Sociology Sex Roles & Gender 3 credits
Historical and contemporary global and cross-cultural analyses of sex and gender roles in society. Special attention is paid to socio-psychological aspects, social construction and development of sexual and gender identities, relations to social institutions, and impacts on social change.

SYD 4020 Global Population 3 credits
The sociological determinants of fertility, mortality and migration; theories of population change are also discussed.
Prerequisites: SYG 2000 with a passing grade

SYD 4603 Community Development 3 credits
Examination of the theories, principles and techniques of analysis of major contemporary strategies of community development including the evaluations of the applicability of the theories and strategies in rural and urban areas and strategies for sustainable development.
Prerequisites: SYG 2000 with a passing grade

SYD 4910 Directed Independent Study 3 credits
Research projects are carried out by one or more students under the supervision of a faculty mentor. Students acquire skills in applying research principles and obtaining practice in rigorous data collection and reporting.

SYG 2000 Intro to Sociology 3 credits
As the introductory course in Sociology, a general overview of the discipline is provided. Major sociological concepts, theories and schools of thought, key theorists and the tools of the discipline are discussed.

SYG 2010 Social Problems 3 credits
A general introduction to the sociological study of problems including the nature of a social problem, poverty and inequality, racism, sexism, substance abuse, crime and violence, urban and environmental problems. Interdisciplinary strategies which have been utilized to reduce or solve the problems are examined.

SYG 2012 Comp Sociology-Global Issues 3 credits
The application of sociological concepts and principles to the description and analysis of social issues of contemporary societies.

SYG 2220 Introduction to Gender Studies 3 credits
A cross-cultural introduction to the role of women in society. Analyses are made of the changing political, social, economic, legal and sexual roles of women. Also included are discussions of the various forms of women movements, and international focus on issues relating to women which have emerged in recent years.

SYG 2231 Intro to African-Amr Studies 3 credits
An overview of African-American social structure and factors which support or impede social change, collaboration and cultural maintenance.

SYG 2250 Multicultural Issues 3 credits
A survey of many of the cultural groups throughout the world examining the inter-ethnic collaborations and conflicts, cultural conflict and self rejection experiences of people around the world. Facilitation of understanding among peoples of different parts of the world with diverse cultural backgrounds. Special attention is paid to those cultural groups represented in the Americas.

SYG 2442 Sociology of Sport 3 credits
The social institution of sport, its meanings and consequences for American society, from play to professional sport.

SYG 3011 Social Issues in Society 3 credits
An examination of the historical and contemporary social issues interconnectedness of many of the issues. Illustrated in the course will be examples of interdisciplinary strategies to address the issue.

SYG 3930 Special Topics 3 credits
Topics of current or special interest.

SYG 4900 Directed Reading 3 credits
Under the guidance and supervision of an instructor, students develop a program of reading and possibly research.
Prerequisites: SYG 2000 with a passing grade

SYO 3120 The Family 3 credits
An analysis of the changing structure of the American family and an examination of its relationship to other institutions. Studies the impact of wider societal changes on the historical development of the family, also explores alternative family
patterns as well as the future of the family.

SYO 3200 Sociology of Religion 3 credits
Study of the types, sources, and functions of religious behavior in relation to other aspects of personality and culture.
Prerequisites: SYG 2000 with a passing grade

SYO 3250 Sociology of Education 3 credits
The study of sociology of education with an emphasis on aspects that are relevant to an understanding of the issues and problems of American education.

SYO 3360 Organization of Work 3 credits
Analysis of the meaning of work, public and private organizations in the modern world; occupational development and socialization; occupations, professions and careers; social control, formal and informal power structures in the workplace; organizational change.

SYO 3400 Medical Sociology 3 credits
An examination of illness, behavior, biomedical and traditional healing systems from a comparative perspective. By analyzing illness cross-culturally, sociologists and health care providers can better understand the interrelatedness of technology, ecology, and health in larger populations.

SYO 3530 Social Stratification 3 credits
Examination of the formal and informal structures which place individuals and groups of people on various levels in the social structure and the implications on social behavior, life changes and social mobility.
Prerequisites: SYG 2000 with a passing grade

SYO 4130 Comparative Family Systems 3 credits
Analysis of the family institution from both an historical and a cross-cultural perspective including an examination of the stages of the family life cycle and issues in the areas of family dysfunction and dissolution.

SYP 4631 Sociology Through Film 3 credits
Presentations of sociological phenomena are explored through the use of film, including discussions of implicit and explicit messaging, potential positive and negative effects of film on various aspects of social and cultural behavior.

SYP 4640 Sociology of Leisure 3 credits
A sociological analysis of leisure and leisure lifestyles. Various forms of sports and recreation as leisure are explored.
Prerequisites: SYG 2000 with a passing grade

SYP 4731 Aging, Self and Society 3 credits
The relationship between the aging, self and communal subcultures including consideration of the place of images of aging and the life course in self-definition, intergenerational contact, and institutionalization
Prerequisites: SYG 2000 with a passing grade

SYP 4741 Soc. Org. of Death & Dying 3 credits
An interdisciplinary perspective examining death and dying. Cross-cultural differences are discussed.
Prerequisites: SYG 2000 with a passing grade

TAX 3012 Bus Income & Property Trans 3 credits
Introduces students to the tax system and discusses the measurement of taxable income from business operations and the tax treatment of gains and losses from property transactions. Topics include the definition and timing of gross income, the definition of a capital asset, common business deductions, loss limitation and disallowance rules, asset basis, cost recovery, and gain recognition (or deferral) for property transac-
Prerequisites: ACG 2071 with a minimum grade of C and CGS 1100 with a minimum grade of C

TAX 4001 Taxation of Individual Income 3 credits
Examines the determination of taxable income for individual taxpayers. Topics include filing status, dependency exemptions, income inclusion or exclusion rules, standard deductions, itemized deductions, tax credits, and employment taxes.
Prerequisites: ACG 2071 with a minimum grade of C and CGS 1100 with a minimum grade of C

TAX 6015 Corporate Tax Issues 3 credits
An in-depth coverage of tax issues associated with corporations.
Prerequisites: TAX 3012 or TAX 4001

TAX 6045 Tax Research & Planning 3 credits
Examines the sources of tax authority which include its primary sources (legislative, judicial, and administrative), as well as secondary sources. Develops procedures for identifying the applicable tax issues, locating appropriate tax authority, and communicating the results of tax research.
Prerequisites: TAX 3012 or TAX 4001

TAX 6205 Flow Through Entities 3 credits
Uses a "life cycle" approach to cover the taxation of Partnerships, LLCs, S corporations.
Prerequisites: TAX 3012 or TAX 4001

TAX 6405 Estate & Gift Tax Issues 3 credits
Covers federal and state taxation of wealth and transfers including gift, estate and generation-skipping taxes.
Prerequisites: TAX 3012 or TAX 4001

TAX 6525 International Tax Issues 3 credits
Examines the structure and income measurement rules of the United States and various foreign tax systems. Topics covered include the different approaches to defining the tax base, deduction allocation rules, transfer pricing issues, foreign tax credits, and the implications of different organizational forms.
Prerequisites: TAX 4001 or TAX 3012

TAX 6877 Special Topics in Taxation 3 credits
A comprehensive survey of selected contemporary issues and topics in taxation at the graduate level. Individual investigation and reporting emphasized in seminar fashion.

THE 2020 Introduction to Theatre 3 credits
A survey of history, literature, forms, styles, and philosophies of theater from a humanist approach.

THE 2300 Survey of Dramatic Literature 3 credits
Survey of dramatic literature from ancient times to the present.

THE 2430 Perf. ArtsCultur. Div. Society 3 credits
This course serves to introduce students to the interdisciplinary fields of the performing arts and critical multicultural studies. We will investigate performing arts as simultaneously co-produced with processes of identities: race, class, sexuality, gender.

THE 2925 Play Production 1 credits
Workshop to enhance specific professional skills.

THE 3503 Visuality/Performat/Textuality 3 credits
This course offers a concentrated experience in performing critical analysis of performance texts, performance events, and visual codes. The class is a necessary foundation to un-
understanding dramatic material, the various codes of performance, and the possible texts of visual information. Prerequisites: THE 2020 and THE 3511 and THE 3512

THE 3511 Theories/Theatre/Performance I 3 credits Part one of two courses providing a historical and critical survey of theories related to theatre and performance. The focus of this course will begin with Aristotle, move through the Renaissance and Restoration, continue through Hegel and end with the early nineteenth century contributions of the Russians. Prerequisites: THE 2020

THE 3512 Theories/Theatre/Performance II 3 credits Part two of two courses providing a historical and critical survey of theories related to theatre and performance. The focus of this course will begin with the Germanic tradition of the late nineteenth century and conclude with an examination of contemporary critical theories of performance. Prerequisites: THE 2020

THE 3540 Performing Communities 3 credits Survey of theorists and performers who represent communities, both on the page and on the stage. The course examines the performing communities genre from Zora Neale Hurston's work on folklore to Anna Deavere Smith's performances of diverse communities in conflict.

THE 3560 Ecologies of Performance 3 credits This seminar course introduces students to the interdiscipline of performance and the environment. We will investigate such intersections as Ann Bogart's understanding of architecture in performance, Gertrude Stein's description of a play as a landscape, and Uta Hagan's emphasis on the actor's familiar place.

THE 3943 Performing Comm: Field Methods 3 credits A practicum in field research methods and performing community. Students participate in a service learning project to create performances that ethically represent their community engagement. Students will understand the power of performance to effect community dialogue and awareness. Prerequisites: THE 3540

THE 4110 Thea Hist/Lit - Greeks to 1750 3 credits Covers the development of theatre history and literature from its beginnings to 1750 (Part I of II). Prerequisites: THE 2300

THE 4111 Thea Hist/Lit - 1750 to present 3 credits Surveys theatre history and literature from 1750 to the present (Part II of II). Prerequisites: THE 4110

THE 4181 Transgression & Resistance 3 credits Transgressive acts of protest have a substantial presence in the history of theatre. From the common trashing found in Fifth Century Greek Old Comedy to the sacrilegious jabbing of the Feast of Fools celebrated in the Middle Ages, to street performance of radical acts performed in protest of war or globalization, theatre practitioners and activists have used spectacle and theatricality to interrogate positions of power. Prerequisites: THE 2020 and THE 3511 and THE 3512

THE 4330 Shakespeare for the Theatre 3 credits A close study of selected plays with special emphasis on their performance values. Upper Division students.

THE 4905 Directed Study 1 to 4 credits Independent, directed study in various areas of theater. Permission of instructor required.

THE 4930 Special Topics in Theatre 1 to 3 credits Lecture, seminar, or studio sessions covering selected topics of interest in theater. May be repeated with a change of content for up to 9 hours. Permission of instructor required.

THE 4945 Summer Repertory Theatre 3 credits Practical Experience in repertory theatre with direct skills application in all areas of theater production. Consent of instructor. May be repeated with a change of content up to a maximum of 9 credits.

THE 4959 Senior Project in Theatre 1 to 4 credits Final Project presented in public performance demonstrating expertise in declared area of specialization in theater emphasis or major. Consent of the instructor and senior status required. May be repeated with change of content up to a maximum of six credits.

THE 6720 Drama in the Elementary School 3 credits Methods of using theatre and drama activities in elementary school, including use of drama and theatre for interdisciplinary majors; no extra laboratory sections.

TPA 2200 Creative Design for Theatre 3 credits

TPA 2210 Stagecraft 3 credits Introduction to skills and crafts of technical theater. Knowledge of materials, techniques, tools and supplies basic to the execution of environment. Prerequisites: TPA 2290 Fee Required

TPA 2214 Stage, Lighting and Sound 3 credits Goes beyond the basics of lighting and sound design and application. Prerequisites: TPA 2210

TPA 2248 Workshop in Stage Makeup 1 credits Beginning theory and practice in makeup for the stage. Fee Required

TPA 2290 Technical Theatre Lab 1 credits Lab for technical theater. Should be taken concurrently TPA 2210. Prerequisites: Corequisites: TPA 2210 Fee Required

TPA 4060 Principles of Scenic Design 3 credits Beginning design techniques. Prerequisites: TPA 2210 Fee Required

TPA 4930 Special Topics in Thea Prod/Ad 1 to 3 credits Lecture, seminar or studio sessions covering selected topics of interest in theatre production and administration. May be repeated with a change of course content for up to 9 hours. Permission of the instructor required.

TPA 4940 Internship in Tech Theatre 1 to 6 credits Resident internship in an approved professional theater, shop or enrichment center. Junior/Senior status, limited to theatre emphasis participants. Permission of instructor. Prerequisites: TPA 4060

TPP 2100 Acting I 3 credits An introduction to the discipline and creative process of acting with emphasis on formal and improvisational techniques for developing vocal, physical, and analytical skills.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPP 2111</td>
<td>Acting II</td>
<td>3</td>
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<tr>
<td></td>
<td>Scene study and basic characterization.</td>
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<td></td>
<td>Prerequisites: TPP 2100</td>
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<tr>
<td>TPP 2160</td>
<td>Physical Theatre I</td>
<td>3</td>
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<td></td>
<td>This course will combine a variety of physical exercises designed to integrate voice, movement and actor training. It will be physically challenging, vocally liberating, and mentally stimulating.</td>
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<tr>
<td>TPP 2190</td>
<td>Rehearsal and Performance I</td>
<td>1</td>
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<tr>
<td></td>
<td>Production workshop for various areas of theater performance, including acting, directing, technical production, design, and theater management.</td>
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<tr>
<td>TPP 2191</td>
<td>Rehearsal and Performance II</td>
<td>3</td>
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<tr>
<td></td>
<td>The student will build on skills acquired in Rehearsal and Performance I by participating in the rehearsal process and performance of a production. Prerequisites: TPP 2190 with a minimum grade of C</td>
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<tr>
<td>TPP 2710</td>
<td>Voice for the Actor</td>
<td>3</td>
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<tr>
<td></td>
<td>Fundamentals of the use of the voice for theatre performance.</td>
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<tr>
<td>TPP 3112</td>
<td>Acting III</td>
<td>3</td>
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<tr>
<td></td>
<td>Experimentation with scripted material scene study, analysis, audition, and performance. Prerequisites: TPP 2111</td>
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<tr>
<td>TPP 3143</td>
<td>Physical Theatre II</td>
<td>3</td>
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<tr>
<td></td>
<td>Exploration of the Physical Theatre through various styles of acting continues. Included are the Greeks and Elizabethans, the Avant-Garde and Experimental (Grotowski and Artaud). While doing this we rediscover a physical approach to the actor’s task. Prerequisites: TPP 2111</td>
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<tr>
<td>TPP 3192</td>
<td>Rehearsal &amp; Performance III</td>
<td>3</td>
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<tr>
<td></td>
<td>Assignment of specific role and/or responsibility. Opportunity for student to receive additional supervision and critique, as well as credit, for participation in rehearsal and performance. Consent of instructor. Prerequisites: TPP 2191 with a minimum grade of C</td>
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</tr>
<tr>
<td>TPP 3193</td>
<td>Rehearsal &amp; Performance IV</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Assignment of specific role and/or responsibility. Opportunity for student to receive additional supervision and critique, as well as credit, for participation in rehearsal and performance. Prerequisites: TPP 3192 with a minimum grade of C</td>
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</tr>
<tr>
<td>TPP 3242</td>
<td>Performance Art</td>
<td>3</td>
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<tr>
<td></td>
<td>This performance seminar course introduces students to historical and contemporary performance art movements. We investigate the aesthetic theories that enabled such experimentation in the performance art world and explore these theories through practical application via embodied performances.</td>
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<tr>
<td>TPP 3292</td>
<td>App.Studies/New Theatre Techni</td>
<td>3</td>
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<td></td>
<td>The integration of theory and practice is the primary focus in this course that critically examines the current avant-garde of performance and live presentations. From this critical perspective, students will create a performance event that exists at the boundaries of current practice anticipating new forms of theatre and productions. Prerequisites: THE 2020 and THE 3511 and THE 3512</td>
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<tr>
<td>TPP 3510</td>
<td>Movement for the Actor</td>
<td>3</td>
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<td></td>
<td>Fundamentals of the use of the body for theatre performance.</td>
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<tr>
<td>TPP 4155</td>
<td>Scene Study</td>
<td>3</td>
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<tr>
<td></td>
<td>Basic scene study. Special problems in movement and speech to be integrated with character development, rehearsal techniques, and performance composition. Audition required. Prerequisites: TPP 3112</td>
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<tr>
<td>TPP 4174</td>
<td>Transmedia Autoperaformance</td>
<td>3</td>
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<td></td>
<td>An advanced course in the preparation of single-performer presentation based on a fictionalized fragment of the performer’s life drawing upon and incorporating a multiple-layered performance presentation. This performance class requires that the student write, perform, design, and create multiple layers of visual and auditory information for public presentation. Prerequisites: TPP 3511 and TPP 3512 and TPP 3292</td>
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</tr>
<tr>
<td>TPP 4310</td>
<td>Play Directing</td>
<td>3</td>
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<tr>
<td></td>
<td>Theoretical and practical approach to directing for the stage. Prerequisites: TPP 2100</td>
<td></td>
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<tr>
<td>TPP 4923</td>
<td>Musical Theatre Workshop</td>
<td>3</td>
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<tr>
<td></td>
<td>Provide students with the opportunity to learn the basics of Musical theatre.</td>
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<tr>
<td>TPP 4930</td>
<td>Special Topics in Theatre Perf I</td>
<td>3</td>
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<td></td>
<td>Lecture, seminar or studio sessions covering selected topics of interest in performance skills. May be repeated with a change of course content for up to 9 hours. Permission of the instructor required.</td>
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<tr>
<td>TPP 4940</td>
<td>Internship in Thtr Performance</td>
<td>1 to 6</td>
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<tr>
<td></td>
<td>Resident Internship in an approved professional theater, shop or enrichment center. Limited to Junior and Senior Theater emphasis participants. Instructor approval. Prerequisites: TPP 3112</td>
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<tr>
<td>TSL 4344</td>
<td>Methods, Cur, and Instr Effect</td>
<td>3</td>
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<tr>
<td></td>
<td>Teaching methods, strategies and curriculum development activities that enhance and facilitate learning of diverse students and maximizes the opportunities to meet state standards. It will also provide information relevant to the development of ESOL curriculum and various options for second language learners that will facilitate the access to the language arts curriculum and academic learning. Prerequisites: Corequisites:</td>
<td></td>
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<tr>
<td>TSL 4520</td>
<td>Sec Lang Acquis Comm&amp; Culture</td>
<td>3</td>
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<tr>
<td></td>
<td>Second language acquisition, applied linguistics, and influence of cultural diversity on learning, communication, belief systems and value orientations and patterns of thinking and behaving including modifications and adoptions to meet the language needs of diverse students in the classroom. Prerequisites: Corequisites:</td>
<td></td>
</tr>
<tr>
<td>TSL 5142</td>
<td>Curriculum &amp; Material Develop</td>
<td>3</td>
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<tr>
<td></td>
<td>Applications of the theories, principles and current research related to second language acquisition, as well as instructional techniques and materials. Program options for second language learners and focus on the development of skills and techniques for assessment, goal setting, teaching methods, and adaptation of materials for the second language learners’ varied needs.</td>
<td></td>
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<tr>
<td>TSL 5371</td>
<td>Methods of Teaching ESOL</td>
<td>3</td>
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<tr>
<td></td>
<td>An overview of the theoretical foundations and applications of language instruction approaches, methods, and techniques effective in ESL classrooms, and teaching strategies for di-</td>
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</tr>
</tbody>
</table>
verse learners. Emphasis will be given to making connections
between research/theory/principles and best teaching prac-
tices and developing a philosophy on effective methods to use
when working with English language learners.

TSL 5474 Testing & Eval for ESL Teach 3 credits
Language assessment issues, opportunities to examine lan-
guage assessment instruments, and practical experiences
developing and using formal and informal assessment mea-
sures. Critical analysis, selection, and use of evaluation tech-
niques for measuring ELL/LEP students performance in acade-
mic settings.

TSL 5525 Cross Cult Comm Issues in ESL 3 credits
Cultural issues in teaching English as a second language. An
in depth discussion of the concept of culture and helps teach-
ers/students recognize its influence on learning, communica-
tion, belief systems and values orientations, and patterns of
thinking and behaving. The focus is on providing information
contributing to cultural competence including applying cross-
cultural understanding to planning instructional settings in-
volving culturally and linguistically diverse students.

TSL 6135 Meth Tchg Content ESOL: 6-12 3 credits
Instructional approaches, methods and techniques effective
for secondary content teachers to meet the needs of culturally
and linguistically diverse students including legal, pedagogi-
cal, and curricular issues. Emphasis on best teaching prac-
tices.

TSL 6527 Language & Culture 1 credits
Exploration of the interconnections between language and
culture. Includes first and second language acquisition, family
customs, cultural variations of narrative texts, and storytelling.
Collection and analysis of data through research and inter-
views.

Prerequisites:

URP 6421 Environmental Planning 3 credits
This course will involve team projects in which students work
with local, regional, and state agencies on the evaluation and
application of environmental planning practices; on guest lect-
tures examining differing perspectives; on readings discus-
sions; and on field trips to investigate and evaluate the results
of different environmental planning strategies.

WOH 1023 World Civilization 1500-1815 3 credits
The social, cultural, intellectual, political, and economic as-
pects of world civilizations from 1500 to 1815. Emphasis is
given to understanding the impact of cross-cultural exchanges
and impacts on global history. At least 6,000 words of graded
written work are required (Gordon Rule).

WOH 1030 World Civilization since 1815 3 credits
The social, cultural, intellectual, political and economic as-
pects of world civilizations from 1815 to present. Emphasis is
given to understanding the impact of cross-cultural exchanges
and impacts on global history. At least 6,000 words of graded
written work are required (Gordon Rule).

WOH 3044 20th Century World History 3 credits
History of the twentieth century. Major themes include the two
world wars, nationalism and decolonization, the Cold War,
globalization, and new social movements.

WOH 3221 Women in World History 3 credits
An examination of the role of gender as an ideology in shap-
ing the political, economic, and social roles of women and
men in Europe, the Americas, Africa, Asia, and Australia from
1600 to the present.

WOH 3234 Atlantic World 1776-Present 3 credits
History of the Atlantic World from the Age of Revolution to
the Present. Explores interactions in political, economic and
cultural ideas and actions between Europe, the Americas, and
Africa in comparative context.

WST 3015 Intro to Women’s Studies 3 credits
A cross-cultural introduction to the role of women in society.
Analyses are made of the changing political, social, eco-

nomic, legal, and sexual roles of women. Also included are
discussions of the various forms of women movements and
international focus on issues relating to women which have
emerged in the recent years. At least 6,000 words of graded
written work are required (Gordon Rule).

WST 3275 Women in the Developing World 3 credits
Survey of the status of women in Asia, Africa, Latin and Carib-
bean America, compared to that in the United States, Canada,
West Europe, Marxist-Leninist countries.

WST 4262 Lit. of Women of Color in U.S. 3 credits
Introduction to contemporary women writers of color in the
United States: Native Americans, African-Americans, Asian-
Americans, and Chicanas/Puerto Rican-Americans. Read-
ings will include literature and contextual articles on histori-
cal and cultural issues. This course is cross-listed under AML
4274.

ZOO 3205C Invertebrate Zoology 3 credits
Course emphasizes concepts and unifying principles from phylo-
genetics, physiology, developmental biology, functional
morphology, ecology, and paleontology while systematically
surveying the major taxa of invertebrate animals. Laboratory
intensive with field exercises.

Prerequisites: BSC 1011C with a minimum grade of C
Fee Required

ZOO 3713C Vertebrate Form and Function 3 credits
Major anatomical and physiological adaptations of the verte-
brates are examined in evolutionary and ecological contexts
using integrated lecture and laboratory exercises. The course
will include the use of dissection and physiological laboratory
techniques to study vertebrate form and function.

Prerequisites: ISC 1004C with a minimum grade of C or BSC
1011C with a minimum grade of C
Fee Required

ZOO 4436C Evolution of the Mammals 4 credits
Provides an opportunity for advanced study of mammalian
biology in its evolutionary context. The entire spectrum of
mammalian diversity is studied from the first known fossil
mammals through all living and extinct clades. Mammalian
anatomy, physiology, and behavior are also examined from
an evolutionary perspective; utilizing the principles of cladis-
tic analysis, each system is examined from its most primitive
mammalian condition to the many unique derived conditions
found among living and/or fossil mammals. Current contro-
versies may be featured, and topics from molecular to or
organismal and ecological. The course will include the use of
dissection and physiological laboratory techniques to study
vertebrate form and function.

Prerequisites: ZOO 3713C with a minimum grade of C

ZOO 4454C Ichthyology 3 credits
Tracks the rise and evolution of fishes and examines the adap-
tations in form and function that underlie their success. Em-
phasis will be placed on Southwest Florida fishes.

Prerequisites: BSC 1011C

ZOO 4472C Ornithology 3 credits
Evolution, structural and functional adaptations, behavior and
ecology of birds. It includes a global overview with emphasis on Florida. Lab emphasizes anatomy, behavior, identification, and ecology. Field trips include study in Florida ecosystems. Prerequisites: BSC 1011C with a minimum grade of C
Fee Required

ZOO 4480C Mammalogy 3 credits
Integrated lecture and lab and focuses on the origins and evolution, diversity, structural and functional adaptations, behavior, and ecology of mammals. It present a global overview with an emphasis on Florida mammals. Laboratory will emphasize, anatomy, behavior, identification, and ecology. Field trips will include zoo visits, studies of manatees and other Florida mammals, and an introduction to field research tools in mammalogy. Prerequisites: BSC 1010C with a minimum grade of C and BSC 1011C with a minimum grade of C

ZOO 4743C Neuroscience 3 credits
In Neuroscience we will investigate the workings of human nervous systems. We will cover anatomy and physiology, neuropharmacology, and neurological correlates of behaviors such as sleep, emotions, hunger, and sex. Prerequisites: BSC 1010C with a minimum grade of C and CHM 1046C with a minimum grade of C or (CHM 1046 with a minimum grade of C and CHM 1046L with a minimum grade of C )and (PCB 3703C with a minimum grade of C or BSC 1086C with a minimum grade of C )
Fee Required

ZOO 4753C Histology 3 credits
A microscopic study of animal tissue covering epithelium, muscle, nervous and connective tissues with an emphasis on the morphological differences in tissue organization both for structural and functional purposes. Prerequisites: ZOO 3713C with a minimum grade of C or BSC 1086C with a minimum grade of C
Fee Required
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The Florida Gulf University Foundation was chartered under Florida statutes in May 1993. As the private fund-raising arm of the university, the foundation provides enhancement funds for the university not available through regular state funding.

The purpose of the foundation is to encourage, solicit, receive, and administer gifts and bequests of property and funds for scientific, educational, and charitable purposes directly related to the mission of the university. A major focus in the foundation’s fund-raising efforts is the development of student scholarships. All gifts to FGCU are received and processed through the foundation, which is governed by a community-based Board of Directors. For more information, call (239) 590-1067.

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PhD, University of Illinois

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Instructor  
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Christensen, Lois  
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MS, Emory University

Coccoma, Patricia  
Instructor  
College of Professional Studies  
MSW, Adelphi University

Cole, Michael  
Instructor  
College of Arts and Sciences  
PhD, University of Florida
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<td>Hunt, Dennis</td>
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<td>College of Health Professions</td>
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</table>
Hutchcraft, Gilbert
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MacDiarmid, Andrew
Academic Advisor
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MA, University of Central Florida
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<td>Madanoglu, Melih</td>
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<td>College of Professional Studies</td>
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