Biology-Accelerated (B.S.)
2014-2015 Catalog Year
College of Arts and Sciences
Department of Biological Sciences
Program Admission Requirements

Applicants to the FGCU/USF Medical Education (Doctor of Medicine) Program must:

- Enroll at FGCU as an FTIC student.
- Document Florida residency.
- Document US citizenship or permanent resident status.
- Document achievement of an SAT score of 1300 (combined critical reading and math scores only) or ACT score of 29 or greater.
- Document achievement of an unweighted high school GPA of 3.7 or above.
- Complete the FGCU/USF Medical Education application and all accompanying materials including one letter of recommendation following the first year at FGCU. Deadlines are posted on the FGCU Admissions website.
- FGCU GPA of not less than 3.5 at completion of the first year.
- FGCU GPA of not less than 3.6 at completion of the second year.
- FGCU GPA of not less than 3.7 at completion of the third year.
- Attend a CAS orientation session and sign an Advising Agreement document when transitioning from First Year Advising to CAS Advising during the spring semester of freshman year.

Applicants to the FGCU/LECOM Medical Education Doctor of Osteopathic Medicine, Doctor of Pharmacy Program must:

- Submit an FGCU Undergraduate Admission Application and satisfy all applicable university admission requirements.
- May be high school senior or FGCU enrolled first year student.
- Document US citizenship or permanent resident status.
- Document achievement of an SAT score of 1170 (combined critical reading and math scores only) or ACT of 26 or greater.
- Document achievement of high school GPA of 3.5 or higher.
- FGCU cumulative GPA of 3.4 or higher and science GPA of 3.2 or higher.
• Complete LECOM Early Acceptance Application by the deadlines posted on the FGCU Undergraduate Admissions website.
• Attend an interview.
• Attend a CAS orientation session and sign an Advising Agreement document when transitioning from First Year Advising to CAS Advising during the spring semester of freshman year.

Program Requirements

1. FGCU General Education Program (GEP) (36 hrs)
   □ Refer to the General Education Program for more information. □
   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)
   D. Social Sciences (6-9 hrs)
   E. Natural Sciences (6-9 hrs)
      1. BSC 1010C (4) or (BSC 1010 (3) and BSC 1010L (1))
      2. BSC 1011C (4) or (BSC 1011 (3) and BSC 1011L (1))
      3. CHM 1045C (4) or (CHM 1045 (3) and CHM 1045L (1))

   □ Note: At least one Natural Sciences course must include a laboratory or field component. Courses meeting this requirement contain a “C” or “L” in their course numbers. Each combined lecture and laboratory course (marked with a C) is equivalent to taking the lecture and laboratory separately.

2. Common Prerequisites (variable) □
   Must be completed with a grade of C or better □
   • BSC 1010C General Biology with Lab I (4) or (BSC 1010 (3) and BSC 1010L (1)) (GEP)
   • BSC 1011C General Biology with Lab II (4) or (BSC 1011 (3) and BSC 1011L (1)) (GEP)
   • CHM 1045C General Chemistry with Lab I (4) or (CHM 1045 (3)
and CHM 1045L (1) (GEP)

- CHM 1046C General Chemistry with Lab II (4) or (CHM 1046 (3) and CHM 1046L (1))
- CHM 2210C Organic Chemistry with Lab I (4) or (CHM 2210 (3) and CHM 2210L (1))
- CHM 2211C Organic Chemistry with Lab II (4) or (CHM 2211 (3) and CHM 2211L (1))
- MAC 2311 Calculus I (4) (GEP)
- MAC 2312 Calculus II (4)

3. **Required Courses in the Major (57 hrs)**

- BCH 3023C Biochemistry (3)
- BSC 1930L Seminar in Medicine I (1)
- BSC 2930L Seminar in Medicine II (1)
- BSC 3930L Seminar in Medicine III (1)
- BSC 4944L Senior Capstone (3) **BSC 4910C Senior Project Research in Biology (2)**
- BSC 4911 Senior Project Presentation in Biology (1)
- MCB 3020C General Microbiology (4)
- PCB 3063C Genetics (3)
- PCB 3703C Human Physiology (3)
- 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)*
- Plus satisfactory completion of the first year of medical or pharmacy school at the USF College of Medicine or LECOM, Bradenton

*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. **University Requirements (3 hrs)**
• IDS 3920 University Colloquium (3)

5. 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 - 4999) 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 the Communication and Computation Skills and foreign language entrance requirements.
• Satisfaction of the Service Learning requirement (See www.fgcu.edu/connect).
• Satisfaction of the residency requirement: thirty of the last sixty credits must be completed at FGCU.
• Completion of the summer course enrollment requirement.
• Submit an online Application for Graduation via Gulfline by the deadline listed in the FGCU Academic Calendar.

Transfer Notes and Acceptable Substitutes

The following substitutes are acceptable for common prerequisites and must be completed with a grade of C or better.

• BSC 1010C: may substitute BSC X010/X010L (4) or BSC X010C (4), or BSC X040/X40L (4)
• BSC 1011C: may substitute BSC X011/X011L (4) or BSC X011C (4) or BSC X041/X041L (4)
• CHM 1045C: may substitute CHM X045/X045L (4) or CHM X045C (4) or CHM X040 (3) and CHM X041 (1)
• CHM 1046C: may substitute CHM X046/X046L (4) or CHM X046C (4)
• CHM 2210C and CHM 2211C: may substitute CHM X210/X210L (4) and
CHM X211/X211L (4), or CHM X210C (4) and CHM X211C (4) or PHY X053/X053L (4) and PHY X054/X054L (4), or PHY X048/X048L (4) and PHY X049/X049L (4)

- MAC 2311: may substitute MAC X311 (4) or MAC X233 (4), MAC X253 (4), or MAC X281 (4), MAC X241 (4)
- MAC 2312: may substitute MAC X312 (4) or MAC X282 (4) or MAC X234 (4) or STA X023 (3), or STA X024 (4), or STA X321 (4)

For All Majors: Students are strongly recommended to select required lower division electives that will enhance their General Education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.