

Biochemistry BS at a Glance



Program Overview:

The Bachelor of Science in Biochemistry program was recently approved by the State of Florida. It is a very rigorous and structured program, which prepares the student for graduate study or a professional career in industry, in government service, or in secondary school teaching. Students are required to work with the faculty members in their research labs. Some students present the results of their research at national conferences and publish them in journals.

Prerequisites:

BSC 2010	General Biology I	CHM 2210L	Organic Chemistry I Lab
BSC 2010L	General Biology I Lab	CHM 2211	Organic Chemistry II
BSC 2011	General Biology II	CHM 2211L	Organic Chemistry II Lab
BSC 2011L	General Biology II Lab	MAC 2311	Calculus I
CHM 1045	General Chemistry I	MAC 2312	Calculus II
CHM 1045L	General Chemistry Lab I	PHY 2048	Physics with Calculus I
CHM 1046	General Chemistry II	PHY 2048L	General Physics Lab I
CHM 1046L	General Chemistry Lab II	PHY 2049	Physics with Calculus II
CHM 2210	Organic Chemistry I	PHY 2049L	General Physics Lab II

Careers/Job Opportunities:

- Applied Research and Product Development
- Basic Research
- Biotechnology
- Consulting
- Cosmetics Industry
- Environmental Protection
- Food Chemistry

- Forensic Chemistry
- Hazardous Waste Management
- Health and Safety
- High School Science Teacher
- Human Resources
- Materials Science
- Medical Research
- Nuclear Chemistry
- Pharmaceutical Discovery
- Process Development
- Project Management
- Quality Assurance/Quality Control
- Regulatory Affairs
- Science Policy
- Scientific Publishing
- Technical Sales and Marketing

Recommended Minors, Certificates, or Second Majors:

- Forensic Science Certificate
- Mathematics
- Physics

Advising Contact Information:

CASE STEM Advising Center
 MMC: OE 163 | 305-348-2978 | chemistry@fiu.edu

Helpful Links:

Department Website: <http://chemistry.fiu.edu>

CASE Advising Website: <http://caseadvising.fiu.edu>

MyMajor Website: <http://mymajor.fiu.edu>

College Requirements:

- *All majors in the college must complete 45 credits of upper division prior to graduation. Upper division courses are 3000/4000 level courses, major courses and outside electives can count towards this requirement.*
- *No 1 and 2-credit physical activity courses can be counted towards the 120 credits needed for graduation.*

