

Chemistry BA at a Glance



Program Overview:

The Bachelor of Arts degree is designed for students who are preparing for a career in medicine, pharmacy, dentistry, or other health professions, secondary science education, or other careers that require a strong general background in Chemistry. The BA program is organized into a standard BA degree and four areas of concentration (biochemistry, environmental chemistry, forensic chemistry, and chemical education). BA majors have both required and elective upper division courses. Students have the option to work with the Department's faculty members in their research labs. Some students present the results of their research at national conferences and publish them in journals. The Department's many laboratories are well equipped with state-of-the-art instrumentation.

Prerequisites:

CHM 1045	General Chemistry I	MAC 2311	Calculus I
CHM 1045L	General Chemistry I Lab	MAC 2312	Calculus II
CHM 1046	General Chemistry II	PHY 2048	Physics with Calculus I
CHM 1046L	General Chemistry II Lab	or	
CHM 2210	Organic Chemistry I	PHY 2053	Physics without Calculus I
CHM 2210L	Organic Chemistry I Lab	PHY 2048L	General Physics Lab I
CHM 2211	Organic Chemistry II	PHY 2049	Physics with Calculus II
CHM 2211L	Organic Chemistry II Lab	or	
BSC 2010	General Biology I	PHY 2054	Physics without Calculus II
BSC 2010L	General Biology I Lab	PHY 2049L	General Physics Lab II

Available Concentrations:

Biochemistry Concentration
Forensic Chemistry Concentration

Careers/Job Opportunities:

In addition to professional health careers, the following career fields may also be obtained with a BA in Chemistry. Typically the BS is recommended for most of these careers, however, some employers will accept BA degrees.

- Biotechnology
- Food Chemistry
- Process Chemistry
- Water Chemistry
- Quality Assurance
- High School Chemistry or Science Teacher
- Geochemistry
- Consulting
- Materials Science
- Human Resources
- Regulatory Affairs
- Health and Safety

Recommended Minors, Certificates, or Second Majors:

- Anthropology
- Agroecology Certificate
- Biology
- Criminal Justice
- Environmental Studies
- Health Services Administration
- Nutrition
- Physics
- Psychology
- Sociology

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.*