

Undergraduate Major Map

Catalog Year 2018
College / School Arts, Sciences & Education
Major Chemistry - BS
Track / Concentration
Career Path Two Year Transfer

Fall Term 2018

May use one 3000-4000 Level Elective to satisfy the Elective Outside the Major requirement (if needed)

Term Hours: 15
Cum GPA: 2

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
Chemistry Core	CHM 3410	Phys Chem I	4	C	PHY2049/2049L must be completed prior
Chemistry Core	CHM 3410L	Phys Chm Lab I	1	C	
Chemistry Core	CHM 3120	Intro Analyt Chem	3	C	
Chemistry Core	CHM 3120L	Intr Analyt Chm Lab	1	C	
Chemistry Math Course			3	C	COP2270, MAC2313, or MAP2302 are recommended
General Electives			3		

Spring Term 2019

May use one General Elective to satisfy the Global Learning requirement. See endnotes

Term Hours: 16
Cum GPA: 2

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
Chemistry Core	CHM 4130L	Instr Analysis Lab	1		
General Electives			3		
General Electives			3		Global Learning Recommended
Chemistry Core	CHM 3411	Phys Chem II	4		
Chemistry Core	CHM 3411L	Phys Chem Lab II	2		
Chemistry Core	CHM 4130	Instrument Analysis	3		

Summer Term 2019

Use this Semester to catch up on coursework if necessary.

Cum GPA: 2

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Fall Term 2019

Apply for Spring Graduation

May use one 3000-4000 Level Elective to satisfy the Global Learning requirement. (2)

See endnotes

May use one 3000-4000 Level Elective to satisfy the Elective Outside the Major requirement (if needed)

Term Hours: 16

Cum GPA: 2

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
Chemistry Core	CHM 4611L	Adv Inorg Chem Lab	1		
Chemistry Core	CHM 4220	Adv Org Chem	3		
Chemistry Core	CHM 4910L	Under Res Chem	3		
3000-4000 Level Electives			3		
General Electives			3		
Chemistry Core	CHM 4611	Adv Inorganic Chemis	3		

Spring Term 2020

Students are required to take a nationally-normed chemistry examination in their last semester before graduation. Please contact the chemistry department for more information.

May use one 3000-4000 Level Elective to satisfy the Elective Outside the Major requirement (if needed).

Term Hours: 14

Cum GPA: 2

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
Chemistry Core	CHM 4304	Biol Chemistry I	3		
Chemistry Core			1		CHM4230L or CHM4304L is recommended
Chemistry Core	CHM 4930	Senior Seminar	1		
Additional 4000 Chemistry			3		
3000-4000 Level Electives			3		
3000-4000 Level Electives			3		

Summer Term 2020

Use this Semester to catch up on coursework if necessary.

Cum GPA: 2

General Requirements

Pre-requisites:

FIU Course or its transferred equivalent

CHM 1045, CHM 1045L

CHM 1046, CHM 1046L

CHM 2210, CHM 2210L

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CHM 2211, CHM 2211L
PHY 2048, PHY 2048L
PHY 2049, PHY 2049L
MAC 2311
MAC 2312

Critical Indicator is the minimum grade indicated in specific courses to demonstrate proficiency and progress in major. Earning less than the minimum grade is a trigger for a conversation with advisor.

GENERAL UNIVERSITY REQUIREMENTS

Transfer students are assumed to have completed an Associates of Arts Degree from a Florida Public Institution or satisfied completed 60 credits and the University Core Curriculum Requirements.

In addition, the following courses are required of incoming transfer students:

Global Learning Requirement for Transfers: Transfers entering FIU Fall 2011 or later are required to take two Global Learning courses.

Those who meet University Core Curriculum Requirements prior to entering FIU

-Two Global Learning Discipline Specific Courses (One of the two may be a Global Learning Foundation Course chosen in consultation with your advisor)

Those who do not meet University Core Curriculum Requirements prior to entering FIU

-One Global Learning Foundation Course (from the University Core Curriculum)

-One Global Learning Discipline Specific Course

Transfer courses may not be used to meet the FIU Global Learning Requirement. For a list of Global learning courses: <http://goglobal.fiu.edu>

College Foreign Language Requirement: Students must demonstrate competency in a foreign language or in American Sign Language at the level of the second semester of a college language sequence. You may be able to satisfy this requirement with AP, CLEP Exam, or other credit. Contact your advisor.

Grades: Students must earn a grade of "C" or higher in all courses required for the major. A grade of "C-" or lower is not acceptable in any required course.

This document only lists SELECTED requirements. See your Panther Degree Audit for a full list of CAS and major requirements at <http://my.fiu.edu>.

1. Choose one of the following Chemistry Math courses to meet requirement: COP 2270, MAC 2313, or MAP 2302
2. Chemistry core consists of 34 units. Either CHM 4230L or CHM 4304L must be completed, but not both.
3. Complete 3 additional units of a 4000 level Chemistry course.
4. Students are required to take a nationally-normed chemistry examination in their last semester before graduation. Please contact the chemistry department for more information.

*Students who wish to graduate in the customary four years should make sure they are ready to take Physical Chemistry I at the beginning of the third year of study **Students who plan to pursue a career in research should plan to start their independent study project no later than the beginning of the fourth year and are encouraged to begin sooner.

Undergraduate Major Map

Students interested in Pre-Medical, Dentistry, Veterinary, Optometry, Pharmacy Curricula should consult the Pre-Health advisors at 305-348-0515.