

## Undergraduate Major Map

**Catalog Year** 2017  
**College / School** Arts, Sciences & Education  
**Major** Chemistry - BS  
**Track / Concentration**  
**Career Path** Two Year Transfer

### Fall Term 2017

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 2018

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 2018

Use this Semester to catch up on coursework if necessary.

**Cum GPA:** 2

## Undergraduate Major Map

### Fall Term 2018

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 2019

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 2019

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

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