

Undergraduate Major Map

Catalog Year: 2018
College / School: Arts, Sciences & Education
Major: Physics - BA
Track / Concentration:
Career Path: Two Year Transfer

Fall Term 2018

Term Hours: 16

May use one General Elective to satisfy the Global Learning requirement. See endnotes
May use one General Elective to satisfy the Elective Outside the Major requirement (if needed)

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
Physics Upper Level	PHY 3106	Modern Physics	3	B	
Physics Upper Level	PHY 3106L	Mod Phys Lab I	1	C	
Physics Upper Level Approved Electives			3	C	
General Electives			3		
General Electives			3		
3000-4000 Level Electives			3		

Spring Term 2019

Term Hours: 16

May use one General Elective to satisfy the Elective Outside the Major requirement (if needed)

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
Physics Upper Level	PHY 3107	Adv Modern Physics	3	C	
Physics Upper Level	PHY 3107L	Mod Phys Lab II	1	C	
Physics Upper Level Approved Electives			3	C	
General Electives			3		
3000-4000 Level Electives			3		
3000-4000 Level Electives			3		

Summer Term 2019

Use this Semester to catch up on coursework if necessary.

Undergraduate Major Map

Fall Term 2019

Term Hours: 15

Apply for Spring Graduation.

May use one 3000-4000 Level Elective to satisfy the Global Learning requirement. See endnotes

May use one General Elective to satisfy the Elective Outside the Major requirement (if needed)

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
Physics Upper Level	PHY 3513	Thermodynamics	3		
Physics Upper Level	PHY 4134	Widely Appl Phys I	3		
Physics Upper Level Approved Electives			3		
General Electives			3		
3000-4000 Level Electives			3		

Spring Term 2020

Term Hours: 15

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
Physics Upper Level	PHY 4135	Widely Appl Phys II	3		
Physics Upper Level Approved Electives			3		
Physics Upper Level Approved Electives			3		
3000-4000 Level Electives			3		
3000-4000 Level Electives			3		

Summer Term 2020

Use this Semester to catch up on coursework if necessary.

General Requirements

Prerequisites for admission to the major:

CHM1045/CHM1045L ----- CHMX045C or CHMX040 & CHMX041 or CHMX045/X045L

CHM1046/CHM1046L ----- CHMX046C or CHMX046/046L

MAC2311 ----- MACX311 or MACX281

MAC2312 ----- MACX312 or MACX282

MAC2313 ----- MACX313 or MACX283

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PHY2048/2048L ----- PHYX048/X048L or PHYX048C
PHY2049/2049L ----- PHYX049/X049L or PHYX049C

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 the 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 the 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 CASE and major requirements at <http://my.fiu.edu>

College specific requirements

1. Modern physics- 8 units
2. Thermodynamics- 3 units
3. Widely Applied Physics - 6 units
4. 3000-4000 level Physics (PHY/PHZ/AST) electives - 15 units