

Undergraduate Major Map

Catalog Year 2022
College / School Arts, Sciences & Education
Major Earth Science - BA
Track / Concentration
Career Path Two Year Transfer

Fall Term 2022				Term Hours: 14
May use one General Elective to satisfy the Elective Outside the Major requirement (if needed)				
May use one General Elective to satisfy the Global Learning requirement. See endnotes				
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Earth Science 3000-4000 Level	GLY 3202	Earth Materials	3	Prereq: (ESC1000 or GLY1010 or GLY3039) + CHM1045; or MET3502(Prereq: MET3003; offered Spring term only)
Earth Science 3000-4000 Level	GLY 3202L	Earth Materials Lab	1	Coreq: GLY3202; or MET3502L Synoptic Meteorology Lab (Coreq: MET3502; offered Spring term only)
ISC1056 - First Year Seminar	ISC 1056	First Year Sem Earth Env	1	
General Electives			3	
General Meteorology	MET 3003	General Meteorology	3	Prerequisite: PHY2048 or PHY2053. Or can take other List 2 course.
General Electives			3	3000-4000 Level Electives

Spring Term 2023				Term Hours: 13
May use one General Elective to satisfy the Elective Outside the Major requirement (if needed)				
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Earth Science 3000-4000 Level - Additional Geology	GLY 4300	Petrology	3	Prerequisite: GLY3202. Or can take other List 2 course.
Earth Science 3000-4000 Level	GLY 3112	Earth thru Time	3	
General Electives			3	
Earth Science 3000-4000 Level - Additional Geology	GLY 4300L	Petrology Lab	1	Co-requisite: GLY4300. Or can take other List 2 course.
Additional Courses	GLY 4734	Changing Coastlines	3	Also Global Learning. Or can take other List 4 option.

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Summer Term 2023 Use this semester to catch up on course work or to complete Summer Enrollment requirements if necessary. May use Elective to satisfy the Elective Outside the Major requirement and GL requirement (if needed).				Term Hours: 6
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Additional Courses			3	
Additional Courses			3	

Fall Term 2023 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)				Term Hours: 14
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Earth Science 3000-4000 Level - Additional Earth Sciences	GLY 4881	Coastal Hazards	3	Also Global Learning. Or can take other List 3 option.
General Electives			1	Internship recommended
General Electives			3	3000-4000 Level Electives
Earth Science 3000-4000 Level	OCE 3014	Oceanography	3	Or can take OCP3002 [Prerequisites: CHM1045 + (PHY2048 or PHY2053)]
Earth Science 3000-4000 Level - Additional Geology	GLY 4511	Stratigraphy	3	Prerequisite: GLY3202. Or can take other List 2 option.
Earth Science 3000-4000 Level - Additional Geology	GLY 4511L	Stratigraphy Lab	1	Co-requisite: GLY4511. Or can take other List 2 option.

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Spring Term 2024				Term Hours: 13
Course Group	Course Required	Course Description	Credit Hours	Course Notes
General Electives			3	
Earth Science 3000-4000 Level	ISC 4935	Senior Sem Earth & Enviro	1	
Earth Sciences and Geology 3000-4000 Level Electives	GLY 3034	Natural Disasters	3	Or can take other List 3 option.
Earth Sciences and Geology 3000-4000 Level Electives	EVR 3011	Evr Sci-Pollution	3	Or can take other List 4 option.
General Electives			3	3000-4000 Level Electives

Summer Term 2024
Use this Semester to catch up on coursework if necessary.

General Requirements

Prerequisite Courses: FIU Course(s);Equivalent Course(s).

GLY 1010, GLY 1010L; GLYX010 or GLYX039.

CHM 1045, CHM 1045L;CHMX045/X045L or CHMX040 and CHMX041 or CHMX045C

CHM 1046, CHM 1046L;CHMX046/X046L or CHMX046C

MAC 1147 or MAC 1105 and MAC1114; MACX132 or MACX105 and MACX114

MAC 2311;MACX311 or MTHX281 or STA2023

PHY 2048, PHY 2049 or PHY 2053, PHY 2054, PHY2048L, PHY 2049L;PHYX048C and PHYX049C or

PHYX048/X048L and PHYX049/X049L or PHYX053C and PHYX054C and XXXXXXX

GLY 1100, GLY 1100L or GLY 1101, GLY 1101L; or BSC 2011, BSC 2011L; BSCX011/X011L or BSCX011C.

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.

Summer Enrollment. Students transferring to FIU with less than 60 credits are required to earn at least 9 credits during one or more summer terms at FIU or any other university in the State University System of Florida.

Courses may be completed in person or online

FLENT/FLEX is a state-mandated requirement. It stands for Foreign Language Entrance, Foreign Language Exit. To meet this requirement, students must either *enter* (FLENT) with a foreign language, or *exit* (FLEX) with a foreign language. To be clear, the foreign language is a language other than English, including American Sign

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Language.

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>

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.

College of Arts, Sciences & Education: Upper Division Credit Requirement

Requires completion of 45 credits upper division (3000 and 4000 level). We recommend checking your degree audit and coordinating with your assigned advisor.

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>.