

Undergraduate Major Map

Catalog Year: 2022
College / School: Arts, Sciences & Education
Major: Geosciences - BS
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)				Cum GPA: 2
May use one General Elective to satisfy the Global Learning requirement. See endnotes				
*Course availability subject to change. Please see Academic Advisor.				
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Geosciences Required	MET 3003	General Meteorology	3	Prerequisite: PHY2048 or PHY2053.
Geosciences Upper Level	GLY 3202	Earth Materials	3	Prereq: (ESC1000 or GLY1010 or GLY3039 or permission of the instructor) and CHM1045
Geosciences Upper Level	GLY 3202L	Earth Materials Lab	1	Coreq: GLY3202
General Electives			3	
First Year Seminar	ISC 1056	First Year Sem Earth Env	1	
Geosciences Required	OCP 3002	Physical Oceanography	3	Prereq: CHM1045 and (PHY2048 or PHY2053)

Spring Term 2023				Term Hours: 16
				Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Geosciences Upper Level	GLY 4300	Petrology	3	Prereq: GLY3202
Geosciences Upper Level	GLY 4300L	Petrology Lab	1	Coreq: GLY4300
General Electives			3	
Geosciences Required	GLY 3112	Earth thru Time	3	Prereq: GLY1010 or GLY3039
Additional Courses	GLY 4734	Changing Coastlines	3	Or can take other List 3 option.
General Electives			3	3000-4000 Level Electives

Summer Term 2023		Cum GPA: 2
Use this Semester to catch up on coursework if necessary.		

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Fall Term 2023 Apply for Spring Graduation. May use one General Elective to satisfy the Elective Outside the Major requirement (if needed). May use one 3000-4000 Level Elective to satisfy the Global Learning requirement. See endnotes				Term Hours: 14 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Geosciences Upper Level	GLY 4400	Structural Geology	3	Prereq: (ESC1000 or GLY1010 or GLY3039) and (MAC1114 or MAC1147)
Geosciences Upper Level	GLY 4300L	Petrology Lab	1	Coreq: GLY4400
General Electives			3	
Geosciences Upper Level	GLY 4511	Stratigraphy	3	Prereq: GLY3202
Geosciences Upper Level	GLY 4511L	Stratigraphy Lab	1	Coreq: GLY4511
General Electives			3	

Spring Term 2024				Term Hours: 16 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Senior Seminar	ISC 4935	Senior Sem Earth & Enviro	1	
General Electives			3	3000-4000 Level Electives
General Electives			3	
Geosciences Required	GLY 4822	Intro Hydrogeology	3	Prerequisites: (GLY1010 or GLY3039), (PHY2048 or PHY2053), CHM1045, MAC2311
Field Experience	GLY 3782	Geology Excursion	3	Or GLY4791 or may substitute with field camp from another university
Geosciences Electives	GLY 3034	Natural Disasters	3	Or can take other List 3 option.

Summer Term 2024 Use this Semester to catch up on coursework if necessary.	Cum GPA: 2
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General Requirements

*Course availability subject to change. Please see Academic Advisor.

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

GLY 1010, GLY 1010L or GLY 3039, GLY 3039L; GLYX010C or GLYX010/X010L.

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CHM 1045, CHM 1045L; CHMX045/X045L or CHMX040 and CHMX041 or CHMX045C. CHM 1046, CHM 1046L; CHMX046/X0.

MAC 2311; MACX311 or MTHX281. MAC 2312; MACX312

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 XXXXXXXX .

BSC2011 and BSC 2011L or GLY 1101 and GLY 1101L

*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>

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.

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

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.

See your Panther Degree Audit for a full list of CASE and major requirements at <http://my.fiu.edu>.

Major specific requirements

1. ISC 1056 First Year Seminar (1 unit)
2. Geoscience Essentials (12 units)
3. Geology Fundamentals (16 units)
4. Field Experience (3 units)
5. Geosciences electives (6 units)
6. ISC 4935 Senior Seminar (1 unit)