

Undergraduate Major Map

Catalog Year 2021
College / School Arts, Sciences & Education
Major Environmental Studies - BS
Track / Concentration Agricultural Sciences
Career Path Four Year Freshman

Fall Term 2021 The major map should be used as a general guide. Please make sure to meet regularly with your academic advisor and use your Panther Degree Audit to track your requirements. Also make sure to refer to the Major Map Endnotes for more specific information. Math placement is based on your Math Placement Score and classes are to be selected in consultation with an advisor. Pre-Calculus math sequence is MAC 1105 and MAC 1147.					Term Hours: 12 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes	
Environmental Studies Common Prerequisites	GLY 1010L	Physical Geology Lab	1	Also satisfies UCC Natural Science Group Two course. Or can take GLY3039L or ESC1000L.	
Environmental Studies Common Prerequisites	MAC 1105	College Algebra	3	Also satisfies UCC Mathematics Group One course. If you test into a higher level math, please speak with your advisor	
ISC1056 - First Year Seminar in Earth and Environment	ISC 1056	First Year Sem Earth Env	1		
UCC First Year Experience	SLS 1501	First Year Exper	1		
UCC Communication	ENC 1101	Writing and Rhetoric I	3		
Environmental Studies Common Prerequisites	GLY 1010	Physical Geology	3	Also satisfies UCC Natural Science Group Two course. Or can take GLY3039 or ESC1000.	

Spring Term 2022					Term Hours: 13 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes	
Environmental Studies Common Prerequisites	MAC 1114	Trigonometry	3	Also satisfies UCC Mathematics Group Two course. Could also take MAC1147.	
UCC Communication	ENC 1102	Writing and Rhetoric II	3		
Environmental Studies Common Prerequisites	CHM 1045	Gen Chemistry I	3	Also satisfies UCC Natural Science Group One course. Corequisite: CHM1045L.	
Environmental Studies Common Prerequisites	CHM 1045L	Gen Chem Lab I	1	Also satisfies UCC Natural Science Group One lab. Corequisite: CHM1045.	
UCC Arts			3		

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Summer Term 2022 By end of Summer 1, student should have at least 30 credits. May use electives to satisfy Global Learning (GL) or Gordon Rule with Writing (GRW) requirements. Please speak with your advisor. Use this semester to catch up on coursework and satisfy some or all of the 9 credits summer requirement.				Term Hours: 6
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Environmental Studies Additional Lower Level Courses	ECO 2023	Principles Microeco	3	Also satisfies UCC Social Science Group Two course
UCC Social Science Group One			3	May satisfy Gordon Rule with Writing (GRW) and/or Global Learning (GL) requirement. Please speak with your advisor. (8) POS 2041 or AMH 2020 recommended if Civic Literacy requirement is not met.

Fall Term 2022 May use electives to satisfy Global Learning (GL) or Gordon Rule with Writing (GRW) requirements. Please speak with your advisor.				Term Hours: 14 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
UCC Humanities Group One			3	May satisfy Gordon Rule with Writing (GRW) and/or Global Learning (GL) requirement. Please speak with your advisor
Environmental Studies Common Prerequisites	BSC 2010	General Biology I	3	Also satisfies UCC Natural Science Group One course. Corequisite BSC2010L.
General Electives			3	
Environmental Studies Common Prerequisites	CHM 1046	Gen Chemistry II	3	Prerequisite: CHM1045+L, Corequisite: CHM1046L.
Environmental Studies Common Prerequisites	CHM 1046L	Gen Chem Lab II	1	Corequisite: CHM1046.
Environmental Studies Common Prerequisites	BSC 2010L	Gen Biology Lab I	1	Also satisfies UCC Natural Science Group One lab. Corequisite: BSC2010.

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Spring Term 2023 May use electives to satisfy Global Learning (GL) or Gordon Rule with Writing (GRW) requirements. Please speak with your advisor				Term Hours: 13 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
UCC Humanities - Group Two			3	May satisfy Gordon Rule with Writing (GRW) and/or Global Learning (GL) requirement. Please speak with your advisor
Environmental Studies Common Prerequisites	BSC 2011	General Biology II	3	Also satisfies UCC Natural Science Group Two course. Corequisite: BSC2011L.
Environmental Studies Common Prerequisites	BSC 2011L	Gen Biology Lab II	1	Also satisfies UCC Natural Science Group Two lab. Corequisite: BSC2011.
Environmental Studies Required	EVR 3011	Evr Sci-Pollution	3	Prerequisite: MAC 1105 & Intro Science Course
Additional Courses	EVR 3010	Energy Flow	3	Prerequisite: MAC1105; Or can take PHY2048/PHY2053

Summer Term 2023 By end of Summer 2, student should have at least 60 credits. Use this semester to catch up on coursework and/or satisfy the 9 credits summer requirement (if needed). May use electives to satisfy Global Learning (GL) or Gordon Rule with Writing (GRW) requirements. Please speak with your advisor				Term Hours: 3 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
General Electives			3	

Fall Term 2023 May use electives to satisfy Global Learning (GL) or Gordon Rule with Writing (GRW) requirements. Please speak with your advisor				Term Hours: 16 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Required Courses	HOS 3012L	Horticulture Science Lab	1	Pre/co-requisite: HOS3012
General Electives			3	
General Electives			3	
Environmental Studies Additional Lower Level Courses	STA 3111	Statistics I	3	Or can take STA2023/STA2122.
Required Courses	IPM 4020	Integrated Pest Manage	3	Prerequisites: BSC2010
Required Courses	HOS 3012	Intro Horticulture Scienc	3	

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Spring Term 2024				Term Hours: 15
May use electives to satisfy Global Learning (GL) or Gordon Rule with Writing (GRW) requirements. Please speak with your advisor				Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Required Courses	AGG 4941	Agriculture Internship	2	Prerequisite: Permission of the instructor is required
General Electives			3	
Required Courses	EVR 4592	Soils & Ecosystems	3	Prerequisites: BSC2010 and CHM1045
Required Courses	EVR 4592L	Soils & Ecosyst Lab	1	Corequisite: EVR4592
Intro to Environmental Economics or Farm Economics	AEB 4131	Farm Econ Management	3	Prerequisites: ECO2023; or can take EVR3723 or ECP3302
Environmental Studies Additional Lower Level Courses	STA 3112	Statistics II	3	Prerequisite: STA3111. Or can take STA3123 or MAC2311.

Summer Term 2024				Term Hours: 1
Use this semester to catch up on coursework and/or satisfy the 9 credits summer requirement (if needed)				Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
General Electives			1	Can be research or internship

Fall Term 2024				Term Hours: 14
Please speak with your advisor about applying for graduation.				Cum GPA: 2
May use electives to satisfy Global Learning (GL) or Gordon Rule with Writing (GRW) requirements. Please speak with your advisor				
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Environmental Studies Required	EVR 4211L	Water Resources Lab	1	Corequisite: EVR4211
General Electives			3	
Required Courses	EVR 4272	Agroecology	3	
Environmental Studies Required	EVR 4211	Water Resources	3	Prerequisites: CHM1045, CHM1046 or equivalent, BSC2010
Required Courses	SWS 4303	Soil Microbiology	3	Prerequisite: EVR4592
Required Courses	SWS 4303L	Soil Microbiology Lab	1	Corequisite: SWS4303

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Spring Term 2025 May use electives to satisfy Global Learning (GL) or Gordon Rule with Writing (GRW) requirements. Please speak with your advisor				Term Hours: 13 Cum GPA: 2
Course Group	Course Required	Course Description	Credit Hours	Course Notes
Environmental Studies Required	ISC 4935	Senior Seminar in E&E	1	
Required Courses	EVR 4274	Sustainable Agricul	3	
General Electives			3	
Required Courses	AGR 4240	Mod Crop Pro	3	Prerequisites: BSC2010, BSC2011
General Electives			3	

Summer Term 2025 Use this semester to catch up on any coursework AND/OR satisfy the 9 Credits Summer Requirement (if needed). (3) See Endnotes				Cum GPA: 2
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General Requirements

*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

See your Panther Degree Audit (PDA) for a real-time update on your academic career progress and additional information on University and major requirements at <http://my.fiu.edu>

(1) UCC: Students must meet the University Core Curriculum (UCC) requirements. For a full list of UCC courses, see <http://undergrad.fiu.edu/advising/university-core-curriculum.html> or speak with your advisor. Students requesting to be transient must receive permission from the Dean of Undergraduate Education.

(2) Global Learning: Freshmen entering FIU Summer B 2010 or later must take at least two Global Learning (GL) designated courses at FIU. See <http://goglobal.fiu.edu>. Courses must be:- 1 GL foundation course, which must be taken from the University Core Curriculum (UCC).- 1 GL discipline-specific course (3000/4000 level)

(3) Summer Hours Requirement: All students entering FIU or any university within the State University System (SUS) of Florida with fewer than 60 credit hours are required to earn at least nine credit hours prior to graduation by attending one or more summer terms at a university in the SUS.

(4) Gordon Rule: All Gordon Rule courses (i.e., UCC Communication, UCC Mathematics, and Gordon Rule with Writing (GRW) courses) must be completed with a minimum grade of "C." This requirement must be fulfilled within the first 60 credits. Students are required to complete at least two Gordon Rule with Writing (GRW) designated courses.

(5) Gordon Rule with Writing (GRW) REQUIREMENT: Students are required to demonstrate college-level writing skills through six semester hours of Gordon Rule Writing-designated courses (GRW). To fulfill this requirement, students can select any two GRW-designated courses in the University Core Curriculum. These courses can be

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from the same or different categories.

(6) Foreign Language Requirement for Graduation (FLENT/FLEX): A student who did not complete two years of the same foreign language in high school or at a post-secondary institution must successfully complete 8-10 credit hours of instruction in one foreign language prior to graduation. Exceptions include appropriate CLEP, AP, IB, TOEFL, or transfer credit. Contact your advisor for more information.

(7) UCC Mathematics: Math courses are categorized into either Group One or Group Two. One math course from each group is required unless the first math taken is from Group Two and has an immediate prerequisite in Group One. In this case, students will take two Math courses from Group Two. However, one of the two Math courses must have a MAC, MGF, or MTG prefix.

(8) Postsecondary Civic Literacy (CL): Students must demonstrate understanding of American Civics via completed course work or test credit. Consult with an advisor to determine the best option for satisfying this requirement.

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> (Please check your Panther Degree Audit for Major Specific Requirements)

Upper Division Credit Requirement: The College of Arts, Sciences & Education requires completion of 45 credits upper division (3000 and 4000 level)

We recommend checking your degree audit and coordinating with your assigned advisor.