

## Undergraduate Major Map

Catalog Year: 2021  
College / School: Arts, Sciences & Education  
Major: Biological Sciences - BS  
Track / Concentration:  
Career Path: Two Year Transfer

| <b>Fall Term 2021</b>  |                 |                    |              | Term GPA: 2  |
|--|-----------------|--------------------|--------------|--|
| 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. |                 |                    |              | Term Hours: 13   |
|  |                 |                    |              | Cum GPA: 2   |
| Course Group   | Course Required | Course Description | Credit Hours | Course Notes   |
| Biology Core Courses   | PCB 3063        | Genetics           | 3            | Prerequisites: BSC2010   |
| Biology Core Courses   | PCB 3043        | Ecology            | 3            | Prerequisites: BSC 2010 and BSC2011  |
| Biology Laboratories   |                 |                    | 1            | Upper Division biology laboratories require previous or concurrent enrollment of lecture course. |
| 3000-4000 Level Electives  |                 |                    | 3            | Consult with Academic Advisor. If not already completed, take a Discipline Specific GL course    |
| 3000-4000 Level Electives  |                 |                    | 3            | Consult with Academic Advisor. If not already completed, take a Discipline Specific GL course    |

| <b>Spring Term 2022</b>                     |                 |                    |              | Term GPA: 2   |
|---|-----------------|--------------------|--------------|---|
|   |                 |                    |              | Term Hours: 13  |
|   |                 |                    |              | Cum GPA: 2  |
| Course Group                                | Course Required | Course Description | Credit Hours | Course Notes  |
| 3000-4000 Level Electives                   |                 |                    | 3            | Consult with Academic Advisor. If not already completed, take a Discipline Specific GL course   |
| Biology Distribution - Ecology              |                 |                    | 3            |   |
| Biology Distribution - Organismal Diversity |                 |                    | 3            |   |
| Biology Laboratories                        |                 |                    | 1            | Upper Division Biology laboratories require previous or concurrent enrollment of lecture course |
| 3000-4000 Level Electives                   |                 |                    | 3            | Consult with Academic Advisor. If not already completed, take a Discipline Specific GL course   |

## Undergraduate Major Map

| Summer Term 2022          |                 |                    |              | Term GPA: 2   |
|---------------------------|-----------------|--------------------|--------------|---|
|                           |                 |                    |              | Term Hours: 9   |
|                           |                 |                    |              | Cum GPA: 2  |
| Course Group              | Course Required | Course Description | Credit Hours | Course Notes  |
| Biology Core Courses      | PCB 4674        | Evolution          | 3            | Prerequisites: PCB3063 and PCB 3043   |
| Biology Electives         |                 |                    | 3            | Biology Elective from any of the four distribution areas                                      |
| 3000-4000 Level Electives |                 |                    | 3            | Consult with Academic Advisor. If not already completed, take a Discipline Specific GL course |

| Fall Term 2022                                 |                 |                    |              | Term GPA: 2   |
|--|-----------------|--------------------|--------------|---|
|  |                 |                    |              | Term Hours: 13  |
|  |                 |                    |              | Cum GPA: 2  |
| Course Group                                   | Course Required | Course Description | Credit Hours | Course Notes  |
| Biology Core Courses                           | PCB 4023        | Cell Biology       | 3            | Prerequisites: PCB3063 and CHM1046.   |
| Biology Distribution - Physiology/Biochemistry |                 |                    | 3            |   |
| Biology Laboratories                           |                 |                    | 1            | Upper Division Biology laboratories require previous or concurrent enrollment of lecture course |
| 3000-4000 Level Electives                      |                 |                    | 3            | Consult with Academic Advisor. If not already completed, take a Discipline Specific GL course   |
| 3000-4000 Level Electives                      |                 |                    | 3            | Consult with Academic Advisor. If not already completed, take a Discipline Specific GL course   |

| Spring Term 2023                             |                 |                    |              | Term GPA: 2   |
|--|-----------------|--------------------|--------------|---|
|  |                 |                    |              | Term Hours: 12  |
|  |                 |                    |              | Cum GPA: 2  |
| Course Group                                 | Course Required | Course Description | Credit Hours | Course Notes  |
| Biology Electives                            |                 |                    | 3            | Biology Elective from any of the four distribution areas  |
| Biology Laboratories                         |                 |                    | 1            | Upper Division Biology laboratories require previous or concurrent enrollment of lecture course |
| Biology Core Courses                         | BSC 4931        | Senior Seminar     | 1            | Prerequisites and/or Co-requisites: PCB3063, PCB3043, PCB4674 and PCB4023                       |
| Biology Distribution - Structure/Development |                 |                    | 3            |   |
| 3000-4000 Level Electives                    |                 |                    | 4            | Consult with Academic Advisor. If not already completed, take a Discipline Specific GL course   |

## Undergraduate Major Map

|   |   |
|---|---|
| <p><b>Summer Term 2023</b><br/>Use this Semester to catch up on coursework if necessary</p> | <p><b>Term GPA:</b> 2<br/><b>Cum GPA:</b> 2</p> |
|---|---|

### General Requirements

Prerequisite Courses:

BSC 2010 + BSC 2010L

BSC 2011 + BSC 2011L

CHM 1045 + CHM 1045L

CHM 1046 + CHM 1046L

CHM 2210 + CHM 2210L

CHM 2211 + CHM 2211L

PHY 2048 (or PHY2053) + PHY 2048L

PHY 2049 (or PHY 2054) + PHY 2049L

MAC 2311

MAC 2312 OR STA3111 + STA3112 (or STA 2122 + STA 3123)

\*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

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Transfer courses may not be used to meet the FIU Global Learning Requirement. For a list of Global learning courses: <http://goglobal.fiu.edu>

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.

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.

The Civic Literacy requirement is a statewide mandate that applies to undergraduate students initially entering a Florida State University System (SUS) and/or Florida College System (FCS) institution in the 2018-19 academic year and thereafter. <https://transfer.fiu.edu/transfer-101/graduation-requirements/>

Upper Division Credit Requirement: The College of Arts, Sciences & Education requires completion of 45 credits upper division (3000 and 4000 level). Besides the upper division credits for the major, students will need to take some upper division electives. We recommend checking your degree audit and coordinating with your assigned 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>.

1. Complete 5 Core Biology courses
2. Complete Area A: Ecology course
3. Complete Area B: Organismal Diversity course
4. Complete Area C: Physiology/Biochemistry course
5. Complete Area D: Structure/Development course
6. Complete 4 Biology upper division labs
7. Complete 2 Additional Upper Division Biology lecture courses from any of the four distribution areas