

Undergraduate Major Map

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

| Fall Term 2021 | | | | Term GPA: 2 Term Hours: 14 Cum 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. | | | | |
| Course Group | Course Required | Course Description | Credit Hours | Course Notes |
| Biology BA Required | BCH 2020 | Foundations of Biochem | 3 | Prerequisites: BSC 2010 and CHM 1045 |
| Biology BA Core | PCB 3043 | Ecology | 3 | Prerequisites: BSC 2010 and BSC 2011 |
| Biology BA Core | PCB 3063 | Genetics | 3 | Prerequisites: BSC 2010 |
| Biology Laboratories | | | 1 | Upper Division Biology laboratories require previous or concurrent enrollment of lecture course |
| 3000-4000 Level Electives | | | 1 | Consult with Academic Advisor. Can be an elective, internship, or research credit. |
| Track Bioentrepreneur | | | 3 | Consult with Academic Advisor |

| Spring Term 2022 | | | | Term GPA: 2 Term Hours: 13 Cum GPA: 2 |
|--------------------------------|-----------------|-------------------------|--------------|--|
| Course Group | Course Required | Course Description | Credit Hours | Course Notes |
| Biology BA Core | PCB 4674 | Evolution | 3 | Prerequisites: PCB 3043 and PCB 3063 |
| Track Bioentrepreneur | | | 3 | Consult with Academic Advisor |
| Biological Organization | BSC 2300 | Biological Organization | 3 | Prerequisites: BSC 2010 and CHM 1045 |
| Biology Distribution - Ecology | | | 3 | |
| Biology Laboratories | | | 1 | Upper Division Biology laboratories require previous or concurrent enrollment of lecture course. |

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| Summer Term 2022 | | | | Term GPA: 2 |
|-----------------------|-----------------|--------------------|--------------|---|
| | | | | Term Hours: 6 |
| | | | | Cum GPA: 2 |
| Course Group | Course Required | Course Description | Credit Hours | Course Notes |
| Electives | | | 3 | Biology Elective from any of the four distribution areas. |
| Track Bioentrepreneur | | | 3 | Consult with Academic Advisor |

| Fall Term 2022 | | | | Term GPA: 2 |
|---|-----------------|--------------------|--------------|---|
| | | | | Term Hours: 14 |
| | | | | Cum GPA: 2 |
| Course Group | Course Required | Course Description | Credit Hours | Course Notes |
| 3000-4000 Level Electives | | | 1 | Consult with Academic Advisor. Can be an elective, internship, or research credit. |
| Track Bioentrepreneur | | | 3 | Consult with Academic Advisor |
| Biology Distribution - Organismal Diversity | | | 3 | |
| Biology Laboratories | | | 1 | Upper Division Biology laboratories require previous or concurrent enrollment of lecture course |
| Electives | | | 3 | Biology Elective from any of the four distribution areas |
| Track Bioentrepreneur | | | 3 | Consult with Academic Advisor |

| Spring Term 2023 | | | | Term GPA: 2 |
|--|-----------------|--------------------|--------------|---|
| | | | | Term Hours: 13 |
| | | | | Cum GPA: 2 |
| Course Group | Course Required | Course Description | Credit Hours | Course Notes |
| Biology BA Core | BSC 4931 | Senior Seminar | 1 | Prerequisites and/or Corequisites: PCB 3043, PCB 3063, and PCB 4674 |
| Biology Distribution - Physiology/Biochemistry | | | 3 | |
| Biology Distribution - Structure/Development | | | 3 | |
| Electives | | | 3 | Biology Elective from any of the four distribution areas. |
| Track Bioentrepreneur | | | 3 | Consult with Academic Advisor |

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|---|---|
| <p>Summer Term 2023 Use this Semester to complete major requirements if necessary.</p> | <p>Term GPA: 2 Cum GPA: 2</p> |
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General Requirements

Prerequisite Courses:

BSC1005 or BSC1000 (waived for students who transfer in with an AA degree and/or 60 or more credits)

BSC2300

BCH2020

BSC 2010, BSC 2010L

BSC 2011, BSC 2011L

CHM 1045, CHM 1045L

CHM 1046, CHM 1046L

PHY2053 OR PHY2048

MAC1147 or MAC1140 AND MAC1114

STA3111 or STA2122

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

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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 4 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 3 Biology upper division labs
7. Complete 3 Additional Upper Division Biology lecture courses from any of the distribution areas
8. Complete 18 credits within the Bioentrepreneur Track. Consult with your Academic Advisor