

Bachelor of Arts in Biological Sciences- Fully Online

Courses listed may be subject to change. Please confirm course availability by searching for courses on your MyFIU.

Prerequisites (27 cr - 31 cr)

Course		Credits Hours
BSC 2010 & 2010L	General Biology I and Lab	3 + 1
BSC 2011 & 2011L	General Biology II and Lab	3 + 1
CHM 1045 & 1045L	General Chemistry I and Lab	3 + 1
CHM 1046 & 1046L	General Chemistry II and Lab	3 + 1
General Physics I	Choose 1 course: PHY2053 – Physics without Calculus I (<i>Uses Algebra and Trigonometry</i>) PHY2048 – Physics with Calculus II (<i>Uses Calculus I and II</i>) **	4
Mathematics	Choose 1 option: MAC 1147 – Pre-Calculus Algebra and Trigonometry (4 cr) MAC 2311 – Calculus I (4 cr) <i>Students should take MAC 1147. Only students who have started the MAC1114/MAC1140 sequence at their previous institution, may request permission from the Math Department to get into the next course in the sequence.</i>	4
Statistics	Choose 1 course: STA 3111 – Statistics I STA 2122 – Statistics for Behavioral and Health Sciences	3

Program Courses (46 cr)

Course		Prerequisites (Grades of C or higher in)	Credits Hours
Required Courses (13 credits):			
PCB 3043	Ecology	BSC2010 and BSC2011	3
PCB 3063	Genetics	BSC2010	3
PCB 4674	Evolution	PCB3043 and PCB3063	3
BCH 3034	Cellular Chemistry	BSC2010, CHM1045 and CHM1045L	3
BSC 3848	Science and Career Literacy	BSC2010 and BSC2011	1
BSC4931	Senior Seminar	PCB3043, PCB4674, PCB 3063, and PCB 4023 or OCP 3002, or BSC 3848	1
Course is no longer required effective for students coming in under catalog fall 2024 or those who have taken BSC 3848. Please see advisor.			
Upper Division Biology Elective – Consult with advisor for course options (12 credits)			
Upper Division Lectures	Biology Electives (list below)		12
Laboratory Requirement (2 credits)			
Upper Division Labs	Choose two upper-division labs (<i>Note: 1-cr. labs count for one lab</i>)		2

Upper Division General Electives (18)		
Electives	Consult with advisor to choose upper division (3000-4000 level) elective options that will fulfill remaining requirements (<i>Ex. Global Learning, 45-credit upper-division requirement, etc.</i>)	18

Fall 2024 Online Biology Electives:

Course		Prerequisites (Grades of C or higher in)	Credits Hours
BSC 4303	Biogeography (<i>GL</i>)	PCB3043 and PCB4674	3
PCB 4253	Developmental Biology	PCB3063 or BCH3033	3
PCB 4232	Biology of Aids	BSC2010, BSC2011, CHM1045, CHM1046	3
PCB 4663	General Human Genetics	PCB3063	3
PCB 4233	Immunology	PCB3063	3
OCB 4303	Biology of Marine Mammals	PCB3043 or OCB3043	3
OCB 4633	Marine Community Ecology	PCB3043	3
PCB 3702	Human Physiology	BSC2010	3
PCB 4810	Biology of Stress	BSC2010 and BSC2011	3
MCB 4503	Virology	CHM2210 & PCB3063	3
PCB 4467C	Marine Protected Areas <i>*This course will satisfy 1 Upper Division Biology Elective and Lab.</i>	BSC2010 and BSC2011	4
BSC 4481	Introduction to Veterinary Medicolegal Death Invest	None	3

Fall 2024 Online Biology Labs:

Course		Prerequisites (Grades of C or higher in)	Credits Hours
BSC 3043L	Ecology Lab	PCB3043 (co-requisite)	1
BSC 3456L	Python for Biologists Lab	BSC2010 and BSC2011	1

Other Requirements for Graduation

- Minimum 120 credits, FIU GPA 2.0 or higher.
Maximum of 60 lower division credits may be transferred from another institution. 30 Maximum number of upper-division credits applied toward the bachelor's degree.
- [UCC requirements](#) (See PDA and Academic Advisor for more information on how to complete requirements)
- [University Global Learning Requirement](#) (2 courses. See goglobal.fiu.edu and Academic Advisor for options on how to complete this requirement)
- [Civics Literacy Requirement](#): 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
- [University Foreign Language Requirement](#) (FLENT/FLEX): State-mandated foreign language requirement
- [Summer Enrollment](#): Students transferring to FIU with less than 60 credits are required to earn at least 9 credits for 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 minimum 45 upper division credits requirement
- [Academic Advising](#): You should meet with your advisor at least once a semester. To make an appointment with your advisor: MyFIU, click on the Academic Advising tile, click on the Success Network tile, click on the Go to Panther Success Network button, sign-in again using your FIU credentials.