

SECONDARY BIOLOGY EDUCATION (B.A.)

The Bachelor of Arts (B.A.) in Secondary Biology Education is designed to prepare students to teach Biology in Florida in grades 6-12. The program of study includes course work in science as well as education, with extensive field experiences in secondary school settings in the FGCU five-county service area (Charlotte, Collier, Glades, Hendry, and Lee) to enable students to integrate learning theory with teaching practice.

Program Progression and Additional Graduation Requirements

Degree-seeking students are classified as pre-majors prior to formal transition into a College of Education (COE) major. In order to transition from a COE pre-major to a major, students must complete the following:

- An overall GPA of 2.5 on all credits attempted.
- Attempt all subsections of the Florida Teacher Certification Examination (FTCE) General Knowledge Test.
- Satisfy all General Education requirements.
- Satisfy the College-Level Skills requirements.
- Satisfy common prerequisite requirements.
- Successfully complete a background check.

Students must have passed the FTCE Subject Area Exam prior to beginning Block Four Integrated Field Experience.

Students must complete all coursework and have passed the FTCE Professional Education Exam prior to beginning Block Five Internship.

In addition to the program requirements and to qualify for Florida Teacher Certification, students must:

- Pass the FTCE, General Knowledge Test, the subject area examination and the Professional Education Test.
- Complete a minimum of 48 of the 120 credits at the upper division (3000-4999 level).
- Satisfy the residency requirement: 30 of the last 60 credits must be completed at FGCU.
- Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
- Satisfy the College-Level skills and foreign language entrance requirements.
- Satisfy the Service-Learning requirement.
- Satisfy Civic Literacy requirement.
- Complete the summer course enrollment requirement.
- Submit an Application for Graduation by the deadline listed in the FGCU Academic Calendar.

Program Requirements

Code	Title	Credits
FGCU General Education Program (https://www.fgcu.edu/academics/undergraduatestudies/generaleducation/)		
To prevent or minimize excess hours, select general education courses that satisfy common prerequisite requirements for your intended major.		
Common Prerequisites		

A minimum grade of C is required in each course		
EDF 2005	Intro to Teach Prof (Acceptable Substitute: EDFX005)	3
BSC 1010C	General Biology with Lab I (Acceptable Substitute: (BSCX010 and BSCX010L) or BSCX010C)	4
BSC 1011 & 1011L	General Biology II and General Biology II Laboratory (Acceptable Substitute: (BSCX011 and BSCX011L) or BSCX011C)	4
CHM 1045 & 1045L	General Chemistry I and General Chemistry I Laboratory (Acceptable Substitute: CHMX045C or (CHMX045 and CHMX045L) or PHYX048C or (PHYX048 and PHYX048L) or PHYX053C (PHYX053 and PHYX053L))	4
CHM 1046 & 1046L	General Chemistry II and General Chemistry II Lab (Acceptable Substitute: CHMX046C or (CHMX046 and CHMX046L) or PHYX049C or (PHYX049 and PHYX049L) or PHYX054C or (PHYX054 and PHYX054L))	4
MAC 2311	Calculus I (Acceptable Substitute: MACX311 or MACX241)	4

Required Courses in the Major (52 credits)

A minimum grade of C in each course and an overall GPA of 2.5 is required		
EDF 3132	Adolescent Growth & Dev	3
EDF 3251	Classroom Org & Management	3
EDF 4470	Classroom Assessment	3
EDG 3323	Professional Teaching Practice	3
EDG 4937	Sr Seminar-Initial Teach Prep (capstone)	3
EDS 3942	Clinical Experience 1	3
EEX 4070	Integrat Except Stud in Gen Ed	3
PCB 3023C	Cell Biology	4
PCB 3043C	General Ecology	3
RED 4350	Literacy Content and Processes	3
SCE 4330	Science Methods 6-12 Grades	3
SCE 4940	Internship Science Education	9
SCE 4941	Integr Field Exper: Science	3
TSL 4340	Methods, Cur, and Instr Effect	3
ZOO 3713C	Vertebrate Form and Function	3

Restricted Electives in the Major (3 credits)

Select upper division (3000-4999) courses from the following prefixes with approval of the college academic advisor/student success counselor:

BSC, BOT, MCB, PCB, ZOO	
Sustainability Course Graduation Requirement	(3 credits)

Select at least 3 credits in sustainability coursework (SCGR Attribute)

Additional Electives

As needed to reach total credits required for the degree

Recommended options include:

EME 2040	Intro to Tech for Educ	3
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Total Credits Required: 120