

Florida Gulf Coast University
Secondary Biology Education 6-12 (B.A.)

This Florida DOE accredited program requires 2.5 minimum GPA

Year 1		Fall		Prerequisites/Notes
ENC 1101	English Composition I		3	State Core
MAC 1105	College Algebra		3	MAT 1033 with min. grade C/State Core
BSC 1010C	General Biology I w/lab		4	State Core/ Major Prerequisite
EDF 2005	Intro to the Teaching Profession		3	Major Prerequisite
		Total Credits	13	
Year 1		Spring		
ENC 1102	English Composition II		3	ENC 1101 with min. grade of C/University Requirement
STA 2023	Statistical Methods		3	MGF 1107 with min. grade C/University Requirement
SPC 1017	Fundamental of Communication		3	General Education Humanities-critical thinking
MAC 1147	Precalculus		4	Major Prerequisite
BSC 1011C	General Biology II w/lab		4	Major Prerequisite
		Total Credits	17	
Year 1		Summer		
MAC 2311	Calculus I (Major Prerequisite)		4	Completion of the FTCE General Knowledge Test (GKT) is recommended at the end of Year 1 in preparation for Admission to your program.
		Total Credits	4	
Attendance at a Mandatory COE Orientation is required during Year 2 prior to admission				
Year 2		Fall		
EDF 2085	Intro to Diversity for Educators		3	Highly recommended elective
CHM 1045C	General Chemistry I w/lab		4	Major Prerequisite
GEHM	ARH 2000, LIT 2000, MUL 2010, PHI 1010, OR THE 2000		3	State Core
REL 2306	Contemporary World Religions		3	(INKN) (OR General Education Humanities)
		Total Credits	13	
Year 2		Spring		
EME 2040	Intro to Technology for Educators		3	Highly recommended elective
POS 2041	American National Government		3	(OR General Education Social Science)
AMH 2020	US History Since 1877		3	State Core
CHM 1046C	General Chemistry II w/lab		4	Major Prerequisite
		Total Credits	13	

The course recommendations are based on competencies assessed on the Florida Teacher Certification Exams (FTCE) and meet the general education requirements of FGCU. Students wishing to transfer to another institution with a FGCU AA must meet the computation & communication requirements within these 60 hours.*

*See approved course listing from the general education checklist in the FGCU Catalog: <http://www.fgcu.edu/Catalog/genedreq.asp>
After registration, check your Degreeworks audit to ensure the course schedule meets the intended requirements.

***** The FTCE General Knowledge Test (GKT) is required for admission to this program *****

Program Admission is required before Block 1 (Fall Semester-Year 3) the application process and paperwork is available at your mandatory COE Orientation.

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Year 3		Fall – Block 1		Prerequisites/Notes	
EDF 3253	Learning Mgmt. in the Inclusive Classroom	3		<i>Restricted to admission in the major</i>	
EDF 3132	Adolescent Growth and Development	3			
PCB 3063C	Genetics	4		BSC 1010C, BSC 1011C & CHM 1045C with min. grade of C	
ZOO 3713C	Vertebrate Form & Function	3		BSC 1011C with min. grade of C	
	Subject Area Elective (see below)	(1-3)		BSC 1010C, BSC 1011C & CHM 1045C with min. grade of C	
	Total Credits	15			
Year 3		Spring – Block 2			
SCE 4330	Science Methods: 6-12	3			
PCB 3043C	General Ecology	3		BSC 1010C & BSC 1011C with min. grade of C	
PCB 3023C	Cell Biology	4		BSC 1010C, CHM 1045C & CHM 1046C with min. grade of C	
TSL 4520	Sec. Lang. Acquis., Com. & Culture	3		TSL 3080 or EDF 3132 with min. grade of C	
	Subject Area Elective (see below)	(1-3)		BSC 1010C, BSC 1011C & CHM 1045C with min. grade of C	
	Total Credits	15			
You must apply for SCE 4941 during Block 2 see: http://coe.fgcu.edu/internship				Completion of the FTCE Subject Area Exam (SAE) is recommended at the end of Block 2	
Year 3		Summer – Block 3			
EEX 4070	Integrating Exceptional Student in Reg. Ed.	3			
RED 4350	Literacy Content & Processes	3		EDF 4112 & EDG 3323 with min. grade of C	
	Total Credits	6			
Passing scores on all subtests of the FTCE Subject Area Exam (SAE) are required prior to beginning Block 4					
Year 4		Fall – Block 4			
SCE 4941	Integrated Field Experience: Sec. Biology Ed.	3		All course work in Block 1-3 must be complete with min. grade of C/Co-requisite with TSL 4340	
EDF 4470	Classroom Assessment	3			
IDS 3920	University Colloquium	3		<i>University Requirement</i>	
TSL 4340	Methods, Curriculum & Instruction Effectiveness	3		Co-requisite with SCE 4941 should be taken in the same semester	
	Total Credits	12			
Passing score on the FTCE Professional Education Exam is required prior to beginning Block 5					
Year 4		Spring – Block 5			
SCE 4940	Internship: Science Education	9		SCE 4941 with min. grade of S/Co-requisite w/EDG 4937	
EDG 4937	Senior Seminar: Initial Teacher Prep	3		SCE 4941 with min. grade of S	
	Total Credits	12			

Subject area Electives: BSC 4933 Current Topics in Biology (1) PCB 3673C Evolutionary Biology (3)
(choose 4 hrs.) MCB 3653C Environmental Microbiology (3) PCB 3723C Comp. Animal Physiology (3)
 PCB 3703C Human Physiology (4) ZOO 3733C Human Anatomy (4)

***Curriculum Maps assume a fall start with full-time attendance. Students beginning in spring or summer or attending part-time should see a College of Education Advisor. A change in the sequence of these courses may delay your graduation.**