

**Bachelor of Science Teacher Education Degree Programs
Secondary Biology – Program Code S 300**

Program Description

The Bachelor of Science Teacher Education Secondary Biology degree is designed to qualify its graduates to teach biology in grades 6-12. Admission to Broward College does not constitute admission to the Teacher Education programs; a supplemental application is also required. Students must meet all Teacher Education program admission requirements before acceptance into the program. Students must pass all state qualifying examinations in order to be certified to teach. The FTCE General Knowledge Exam must be passed prior to completing 15 semester credit hours of the Junior year. Students are required to have 2-years of sequential foreign language studies from high school or 8 semester credit hours from college prior to graduation with a Bachelor of Science degree.

The Bachelor of Science Teacher Education degree program uses a 2+2 model requiring the completion of an Associate Degree or at least 60 semester credit hours of postsecondary education from a regionally accredited college or university for entry into the program.; these must include 36 hours of General Education Core Requirements. (See below).

BS SECONDARY BIOLOGY DEGREE COMPONENTS	
LOWER DIVISION COURSEWORK in semester credit hours	60
Associate Degree Program of Study Program Electives (to include EDF1005, EDF2085, EME2040)	24
General Education Core Requirements Credits: Communication (9), Math (6) Humanities (6) Social Behavioral Science (6) Biological Science (3) Physical Science (3) Lab (1), Wellness (2)	36
Note: Students in the Secondary Biology Program should strive to include the following science courses within their lower division educational plan: OCE 1001, CHM 1045, CHM 1045L, CHM 1046, CHM 1046L, BSC 1010, BSC 1010L ,BSC 1011, and BSC 1011L.	
UPPER DIVISION COURSEWORK in semester credit hours	60
TOTAL	120
NOTE: Students who want the Reading endorsement must take additional course RED 4519	
Students who want the ESOL endorsement must take additional course TSL 4081	

UPPER DIVISION COURSEWORK

<p>First Semester Junior - Term I</p> <p>EDP 4004 Principles of Educational Psychology 3</p> <p>RED 3342 Foundations of Reading 3 (16 Hours field experience)</p> <p>PCB 3063 Genetics 3</p> <p>EDF 3280 Instructional Strategies 3 (Pre or co-requisite: EDP4004) (10 Hours field experience)</p> <p>EDG 4410 Classroom Management 3 (Pre or co-requisite: EDP4004)</p> <p style="text-align: right;">Total term credit hours 15</p> <p>Second Semester Junior - Term II</p> <p>CHM 3205 Organic & Bio-Chemistry 3</p> <p>CHM 3205L Organic & Bio-Chemistry Lab 1</p> <p>SCE 4330 Methods and Strategies of Teaching Biological Science 3 (20 Hours field experience)</p> <p>PCB 4043 Ecology 3</p> <p>RED 3352 Reading in the Content Area 3 (16 Hours field experience)</p> <p style="text-align: right;">Total term credit hours 13</p>	<p>Third Semester Junior - Term III</p> <p>MCB 3020 General Microbiology 3</p> <p>MCB 3020L General Microbiology Lab 1</p> <p>EEX 3011 Introduction to ESE 3 (10 Hours field experience)</p> <p style="text-align: right;">Total term credit hours 7</p> <p>Fourth Semester Senior - Term I</p> <p>TSL 3080 ESOL Issues & Strategies I 3 (15 Hours field experience)</p> <p>EDF 4430 Measurement Evaluation and Assessment in Education 3</p> <p>PCB 4273 Comparative Vertebrate Morphology & Physiology 3</p> <p>PCB 4273L Comparative Vertebrate Morphology & Physiology Lab 1</p> <p>SCE 3941 Science Practicum 3 (50 Hours field experience)</p> <p style="text-align: right;">Total term credit hours 13</p> <p>Fifth Semester Senior - Term II</p> <p>SCE 4945 Student Teaching in Science 12 (35 Hours Weekly for 15 Weeks)</p> <p>Completion of all program requirements</p> <p style="text-align: right;">Total term credit hours 12</p> <p style="text-align: right;">Total Upper Division Credit Hours 60</p>
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