

## Bachelor of Science in Education Degree Program Secondary Biology – Program Code S300

### Program Description

The Bachelor of Science in Education for Secondary Biology Education 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. In addition to the required coursework, students must pass the Florida Teacher Certification Exams.

The Bachelor of Science in Education uses a 2+2 model requiring the completion of an Associate of Arts 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).

<b>B.S. ED SECONDARY BIOLOGY EDUCATION COMPONENTS</b>	
<b>LOWER DIVISION COURSEWORK in semester credit hours</b>	<b>60</b>
<b>Associate Degree Program of Study Program Electives</b> (to include EDF1005, EDF2085, EME2040)	24
<b>General Education Core Requirements Credits:</b> Communication (9), Math (6) Humanities (6) Social Behavioral Science (6) Biological Science (3) Physical Science (3) Lab (1), Wellness (2).	36
<b>Note:</b> Students in the Secondary Biology Program must 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.	
<b>Foreign Language Requirement:</b> 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 of Bachelor of Science degree.	
<b>UPPER DIVISION COURSEWORK in semester credit hours</b>	<b>61</b>
<b>TOTAL</b>	<b>121</b>

### UPPER DIVISION COURSEWORK

#### First Semester Junior - Term I

EEX 3011	Introduction to ESE*	3
RED 3342	Foundations of Reading*	3
TSL 3080	ESOL Issues & Strategies I*	3
PCB 4043	Ecology	3
EDF 3280	Instructional Strategies*	3
EDF 4930	Special Topics	1
<b>Total term credit hours</b>		<b>16</b>

#### Second Semester Junior - Term II

ZOO 4713	Comparative Vertebrate Morphology & Physiology‡	3
ZOO 4713L	Comparative Vertebrate Morphology & Physiology Lab‡	1
CHM 3205	Organic & Bio-Chemistry‡	3
CHM 3205L	Organic & Bio-Chemistry Lab‡	1
SCE 4330	Methods and Strategies of Teaching Biological Science**	3
<b>Total term credit hours</b>		<b>11</b>

#### Third Semester Junior - Term III

MCB 3020	General Microbiology‡	3
MCB 3020L	General Microbiology Lab‡	1
EDP 4004	Educational Psychology	3
<b>Total term credit hours</b>		<b>7</b>

#### Fourth Semester Senior - Term I

RED 3352	Reading in the Content Area **	3
EDG 4410	Classroom Management **	3
EDF 4430	Educational Tests and Measurements‡	3
PCB 3063	Genetics‡	3
SCE 3941	Science Practicum**	3
<b>Total term credit hours</b>		<b>15</b>

#### Fifth Semester Senior - Term II

SCE 4945	Student Teaching in Science	12
		Completion of all program requirements (35 hours weekly for 15 weeks)
<b>Total term credit hours</b>		<b>12</b>
<b>Total Upper Division Credit Hours</b>		<b>61</b>

\* Field Experience required: see course description.

‡ Prerequisite and/or co-requisites required: see course description

It is strongly recommended that students see an advisor every term.