

**Bachelor of Science Teacher Education Degree Programs  
Middle Grades Science – Program Code S 200**

**Program Description**

The Bachelor of Science Teacher Education Middle Grades Science degree is designed to qualify its graduates to teach general science in grades 5-9. 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).

<b>BS MIDDLE GRADES SCIENCE DEGREE 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 Middle Grades Science Program should strive to include the following science courses within their lower division educational plan: OCE 1001, OCE 1001L, CHM 1045, BSC 1010, BSC 1010L, BSC 1011, BSC 1011L, GLY 1010, GLY 1010L, AST 1003, and MAC 1114	
<b>UPPER DIVISION COURSEWORK in semester credit hours</b>	<b>60</b>
<b>TOTAL</b>	<b>120</b>
<b>NOTE: Students who want the Reading endorsement must take additional course RED 4519</b>	
<b>Students who want the ESOL endorsement must take additional course TSL 4081</b>	

**UPPER DIVISION COURSEWORK:**

**First Semester Junior - Term I**

PHY 3023	General Physics Survey	3
	(Prerequisite MAC 1105, Pre/Co MAC 1114)	
PHY 3023L	General Physics Survey Lab	1
EDP 4004	Principles of Educational Psychology	3
TSL 3080	ESOL Issues & Strategies I (15 hrs. field experience)	3
RED 3342	Foundations of Reading (16 hours field experience)	3
<b>Total term credit hours</b>		<b>13</b>

**Second Semester Junior - Term II**

EDG 4410	Classroom Management (Pre or co-requisite: EDP4004)	3
ESC 4XXX	Weather and Climate (Prerequisite MAC 1105)	3
SCE 3320	Integrative Teaching Methods in Middle Grades Science (20 hours field experience)	3
PCB 4043	Ecology	3
RED 3352	Reading in the Content Area (Prerequisite RED 3342) (16 Hours field experience)	3
<b>Total term credit hours</b>		<b>15</b>

**Third Semester Junior - Term III**

CHM 3047	Survey of General Chemistry	3
CHM 3047L	Survey of General Chemistry Lab	1
EEX 3011	Introduction to ESE (10 Hours field experience)	3
<b>Total term credit hours</b>		<b>7</b>

**Fourth Semester Senior - Term 1**

EDF 4430	Measurement Evaluation and Assessment in Education	3
EDG 3280	Instructional Strategies (Pre or co-requisite: EDP4004) (10 hours field experience)	3
SCE 3943	Interactive Projects that Promote Learning in Science	3
SCE 3941	Science Practicum (50 hours field experience)	3
<b>Total term credit hours</b>		<b>12</b>

**Fifth Semester Senior - Term 2**

SCE 4945	Student Teaching in Science (35 Hours Weekly for 15 Weeks)	13
<b>Total term credit hours</b>		<b>13</b>

**Total Upper Division Credit Hours** **60**