

# ENVIRONMENTAL SCIENCE, BS - GRADES 4-8 SCIENCE EDUCATION CONCENTRATION

## Course Sequencing

### First Year

Fall		Hours
UNIV 1101	University Seminar I	1
ESCI 1401	Environmental Science I: Intro to Environmental Science	4
GEOL 1403	Physical Geology	4
ENGL 1301	Writing and Rhetoric I	3
HIST 1301	U.S. History to 1865	3
<b>Hours</b>		<b>15</b>

### Spring

UNIV 1102	University Seminar II	1
MATH 1442	Statistics for Life	4
GEOL 1404	Historical Geology	4
ENGL 1302	Writing and Rhetoric II	3
or COMM 1311	or Foundation of Communication	
EDUC 1354	Child Growth and Development	3
HIST 1302	U.S. History Since 1865	3
<b>Hours</b>		<b>18</b>

### Second Year

Fall		Hours
BIOL 1406	Biology I	4
PHYS 1401	General Physics I	4
POLS 2305	U.S. Government and Politics	3
EDUC 2211	Foundations of Education	2
MATH 2312	Precalculus	3-4
or MATH 1316	or Trigonometry	
or MATH 2413	or Calculus I	
<b>Hours</b>		<b>16-17</b>

### Spring

BIOL 1407	Biology II	4
PHYS 1304	Introduction to Astronomy: Solar System	3
CHEM 1411	General Chemistry I	4
Language, Philosophy & Culture Core Requirement		3
POLS 2306	State and Local Government	3
SPED 3310	Individual Differences in Schools and Communities	3
<b>Hours</b>		<b>20</b>

### Third Year

Fall		Hours
READ 3353	Content Area Reading for Secondary Students	3
or READ 3352	or Content Area Reading for Elementary Students	
ESCI 3351	Oceanography	3-4
or ESCI 3403	or Introduction to Meteorology	
SMTE 4217	Secondary Approaches to the Life Sciences	2

EDUC 3211	Culturally and Linguistically Responsive Teaching	2
Creative Arts Core Requirement		3

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**Hours** **14**

### Spring

BIEM 4357	Methods of Teaching English as a Second Language	3
Select one of the following: (refer to catalog)		2-4
SMTE 3315	Foundational Approaches to the Physical or PHYS 1402 Sciences	3-4
SMTE 4270	Science Education Topics I	2
ESCI 4202	Issues in Environmental Science	2
SMTE 4320	Secondary Science Laboratory Techniques	3

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**Hours** **16-18**

### Fourth Year

Fall		Hours
EDUC 4305	Seminar I	3
IDET 3210	Design and Development of Technology-Integrated Learning Environments	2
Elective to reach 120		3
Elective to reach 120		3
Elective to reach 120		1

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**Hours** **12**

### Spring

EDUC 4694	Clinical Teaching	6
EDUC 4395	Seminar II	3

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**Hours** **9**

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**Total Hours** **120-123**