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
	Hours	**15**
Spring		
UNIV 1102	University Seminar II	1
MATH 1442	Statistics for Life	4
GEOL 1404	Historical Geology	4
ENGL 1302 or COMM 1311	Writing and Rhetoric II or Foundation of Communication	3
EDUC 1354	Child Growth and Development	3
HIST 1302	U.S. History Since 1865	3
	Hours	**18**

Second Year

Fall		
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 or MATH 1316 or MATH 2413	Precalculus or Trigonometry or Calculus I	3-4
	Hours	**16-17**
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
	Hours	**20**

Third Year

Fall		
READ 3353 or READ 3352	Content Area Reading for Secondary Students or Content Area Reading for Elementary Students	3
ESCI 3351 or ESCI 3403	Oceanography or Introduction to Meteorology	3-4
SMTE 4217	Secondary Approaches to the Life Sciences	2
EDUC 3211	Culturally and Linguistically Responsive Teaching	2
Creative Arts Core Requirement		3
	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 or PHYS 1402	Foundational Approaches to the Physical Sciences or General Physics II	3-4
SMTE 4270	Science Education Topics I	2
ESCI 4202	Issues in Environmental Science	2
SMTE 4320	Secondary Science Laboratory Techniques	3
	Hours	**16-18**

Fourth Year

Fall		
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
	Hours	**12**
Spring		
EDUC 4694	Clinical Teaching	6
EDUC 4395	Seminar II	3
	Hours	**9**
	Total Hours	**120-123**