

Bachelor of Science in ENVIRONMENTAL SCIENCE

Catalog Year: 2005-2006

NAME: _____

* Upper division Hours

ID#: _____

Biology Concentration

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<u>UNIVERSITY CORE CURRICULUM</u>		Grade	SCH	GP
Eng. Composition	<u>ENGL 1301</u>	_____	3	_____
	<u>ENGL 1302</u>	_____	3	_____
Oral Communication	<u>COMM 1315</u>	_____	3	_____
Mathematics	<u>MATH 1470 or 2413</u>	_____	(4)	_____
Natural Sciences	<u>ESCI 1401 or 1402</u>	_____	(4)	_____
Natural Sciences	<u>BIO 1406</u>	_____	(4)	_____
Literature	<u>See List</u>	_____	3	_____
US History	<u>HIST 1301</u>	_____	3	_____
	<u>HIST 1302</u>	_____	3	_____
US Government	<u>POLS 2305</u>	_____	3	_____
	<u>POLS 2306</u>	_____	3	_____
Fine Arts	<u>See List</u>	_____	3	_____
Economics	<u>ECON 2301</u>	_____	3	_____
Social Science	<u>See List</u>	_____	3	_____
Philosophy	<u>*PHIL 3340</u>	_____	3	_____
TOTAL		(8)	36	0

ESCI: Major Requirements

	Grade	SCH	GP
*ESCI 3351	<u>Oceanography</u>	_____	3
*ESCI 3403	<u>Meteorology</u>	_____	4
*BIOL 3443	<u>Environmental Biology</u>	_____	4
*GEOL 3443	<u>Environmental Geology</u>	_____	4
*CHEM 4443	<u>Environmental Chemistry</u>	_____	4
*ESCI 4301	<u>Environmental Regulations</u>	_____	3

ENVIRONMENTAL BIOLOGY Concentration

BIOL 2421	<u>Microbiology</u>	_____	4
*BIOL 3413	<u>Invertebrate Zoology</u>	_____	4
*BIOL 3414	<u>Vertebrate Biology</u>	_____	4
*BIOL 3428	<u>Principles of Ecology</u>	_____	4
*BIOL 4436	<u>Marine Ecology</u>	_____	4
*BIOL 4422	<u>Plant Taxonomy</u>	_____	4
*ELECTIVE (8)	_____	_____	4
*ELECTIVE	_____	_____	4

TOTAL **54** 0

(Above electives may be from BIOL, CHEM, COSC, ESCI, GEOL, GISC, MATH OR PHYSICS)

FOUNDATION COURSES

	Grade	SCH	GP
ESCI 1401 or 1402	<u>Environmental Science</u>	_____	4
BIOL 1406	<u>General Biology I</u>	_____	4
BIOL 1407	<u>General Biology II</u>	_____	4
CHEM 1311/1111	<u>Gen. Chemistry I (3/1)</u>	_____	4
CHEM 1312/1112	<u>Gen. Chemistry II (3/1)</u>	_____	4
*CHEM 3411	<u>Organic Chemistry I</u>	_____	4
PHYS 1401	<u>General Physics I</u>	_____	4
PHYS 1402	<u>General Physics II</u>	_____	4
GEOL 1403	<u>Physical Geology</u>	_____	4
MATH 2342	<u>Statistics for PALS</u>	_____	3
MATH 1470 or 2413	<u>Modeling or Calculus I</u>	_____	4
TOTAL		43	0

University Requirements

UCCP 1101/1102	_____	2
Computer Literacy	<u>See Catalog for requirement</u>	_____
Foreign Language	<u>See Catalog for requirement</u>	_____

TOTAL HOURS (Min 135) : _____ **135**

UPPER DIVISION HOURS (Min 45) _____

<u>ELECTIVES</u>	Grade	SCH	GP
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
TOTAL		0	0

Faculty Mentor _____
 Program Coordinator Dr. Smith-Engle, CS 203
 Chair: Dr. G. Blount, ST 319 E
 Dean: Dr. Diana I. Marinez