

Bachelor of Science in ENVIRONMENTAL SCIENCE

Catalog Year: 2004-2005

NAME: _____

* Upper division Hours

ID#: _____

**Grades 4-8 Certification
Science Education Concentration**

UNIVERSITY CORE CURRICULUM		Grade	SCH	GP
Eng. Composition	ENGL 1301	_____	3	_____
	ENGL 1302	_____	3	_____
Oral Communicatio	COMM 1315	_____	3	_____
Mathematics	MATH 1470	_____	4	_____
Natural Sciences	ESCI 1401 or 1402	_____	(4)	_____
Natural Sciences	BIOL 1406	_____	(4)	_____
Literature	See List	_____	3	_____
US History	HIST 1301	_____	3	_____
	HIST 1302	_____	3	_____
US Government	POLS 2305	_____	3	_____
	POLS 2306	_____	3	_____
Fine Arts	See List	_____	3	_____
Economics	ECON 2301	_____	3	_____
Social Science	PSYC 2301	_____	3	_____
Philosophy	*PHIL 3340	_____	3	_____
TOTAL		(8)	40	0

FOUNDATION COURSES

	Grade	SCH	GP
ESCI 1401	Environmental Science	_____	4
ESCI 1402	Systems and Applications	_____	4
BIOL 1406	General Biology I	_____	4
BIOL 1407	General Biology II	_____	4
BIOL 2472	Prin. Of Botany	_____	4
CHEM 1311/1111	Gen. Chemistry I (3/1)	_____	4
PHYS 1401	General Physics I	_____	4
GISC 1470	Intro to GISC	_____	4
GEOL 1403	Physical Geology	_____	4
GEOL 1404	Historical Geology	_____	4
TOTAL			40

REQUIRED Upper Division Courses

	Grade	GP
*SMTE 3315	Found Appr to Physical Science	_____ 3
*SMTE 3316	Found Appr to Life Science	_____ 3
*SMTE 4320	Secondary Science Lab Techniques	_____ 3
*SMTE 4270	Science Education Topics I	_____ 2
*SMTE 4271	Science Education Topics II	_____ 2
*HIST 4390	History & Philosophy of Science	_____ 3
Choose one of the following:		
*ESCI 3403	Meteorology	_____ 4
*ESCI 3351	Oceanography	_____ 3

TOTAL 40

TOTAL 20

PROFESSIONAL DEVELOPMENT		Grade	SCH	GP
*EDCI 3311	School & Society	_____	3	_____
*EDCI 4607	Field Based Semester	_____	6	_____
*EDUC 4992	Student Teaching	_____	9	_____
*EDCI 4313	Classroom Mgmt	_____	3	_____
*EDCI 4323	Special Populations	_____	3	_____
TOTAL			24	

READING (6 SCH)

*READ 3321	Reading Instr. 4-8th	_____	3	_____
*READ 3351	Diag & Cor of read prb	_____	3	_____
TOTAL			6	

MATHEMATICS Courses (Choose 6 hrs beyond the CORE)

MATH 2342	Statistics for PALS	_____	-	_____
SMTE 1350	Fund of Math I	_____	-	_____
SMTE 1351	Fund of Math II	_____	-	_____
SMTE 3352	Fund of Math III	_____	-	_____
TOTAL		Min 6	6	

ELECTIVES		Grade	SCH	GP
_____		_____	_____	_____
_____		_____	_____	_____
_____		_____	_____	_____
TOTAL			0	

(Minimum GPA 2.5 in all work attempted and minimum GPA must be 2.75 in all science, math or specialization areas, and no grade below a "C" in any science or math course on a students degree plan and/or education courses within the professional education block of course are required.)

University Requirements

UCCP 1101/1102	_____	2
Computer Literacy	see catalog for requirement	_____
Foreign Language	see catalog for requirement	_____

Certification TExES #110
Exams TExES #116 Science

TOTAL HOURS (Min 137-138) : 138

UPPER DIVISION HOURS (Min 45) _____

Signatures:

Faculty Advisor: _____ Date: _____

Chair : _____ Date: _____

Dean : _____ Date: _____

Dr. Diana I. Marinez

Certification Ofcr

Date: