

Bachelor of Science in CHEMISTRY

Environmental Concentration

NAME: _____

Catalog Year: 2006-2007

ID#: _____

* Upper division Hours

UNIVERSITY CORE CURRICULUM	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 2413</u>	(4)	_____
Science	<u>See List</u>	(4)	_____
	<u>See List</u>	(4)	_____
English lit	<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	(12)	36	0

CHEMISTRY Emphasis-

	Grade	SCH	GP
CHEM 1311/1111	<u>Gen. Chemistry I</u>	4	_____
CHEM 1312/1112	<u>Gen. Chemistry II</u>	4	_____
*CHEM 3411	<u>Organic Chemistry I</u>	4	_____
*CHEM 3412	<u>Organic Chemistry II</u>	4	_____
*CHEM 3417	<u>Quantitative Analysis</u>	4	_____
*CHEM 3418	<u>Instrumental Analysis</u>	4	_____
*CHEM 4443	<u>Environmental Chemistry</u>	4	_____
*CHEM 4292	<u>Senior Chemistry Seminar</u>	2	_____
*CHEM 4423	<u>Physical Chemistry I</u>	4	_____
*CHEM 4424	<u>Physical Chemistry II</u>	4	_____
*CHEM 4344	<u>Chemical Oceanography</u>	3	_____
*CHEM 4085	<u>Major Field Test in Chemistry</u>	0	_____
	sub total	41	_____

Three of the following classes: (12 hours)

*CHEM 4407	<u>Advanced Inorganic Chemistry</u>	4	_____
*CHEM 4409	<u>Adv. Instrumental Analysis</u>	4	_____
*CHEM 4350	<u>Polymer Chemistry</u>	3	_____
*CHEM 4490	<u>CHEM Special topics (1-4)</u>	1-4	_____
*CHEM 4496	<u>Directed Independ. Research</u>	1-6	_____
*ESCI 4301	<u>Environmental Regulations</u>	3	_____
*ESCI 4330	<u>Oil Spill Management</u>	3	_____
*ESCI 4370	<u>Hazardous Waste Management</u>	3	_____

sub-section total (min) 12

TOTAL **53**

SPECIAL FOUNDATIONS

Course	Grade	SCH	GP
PHYS 1401 or 2425	<u>Physics I</u>	4	_____
PHYS 1402 or 2426	<u>Physics II</u>	4	_____
BIOL, GEOL, or ESCI	_____	4	_____
BIOL, GEOL, or ESCI	_____	4	_____
MATH 1442	<u>Statistics for Life</u>	4	_____
MATH 2413	<u>Calculus I</u>	4	_____
MATH 2414	<u>Calculus II</u>	4	_____
TOTAL		28	_____

Major GPA Must be Minimum 2.25 to Graduate

ELECTIVES

	Grade	SCH	GP
_____ Elective	_____	3	_____
_____ Elective	_____	2	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
TOTAL		5	_____

Every candidate for the BS in Chemistry MUST complete the Major Field Test in Chemistry (CHEM 4085) during senior year, prior to graduation.

University Requirements

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

Faculty Mentor _____
 Program Coordinator Dr. Joe Loter, CS 211
 Chair: _____
 Dean: Dr. Frank Pezold

TOTAL UPPER DIVISION HOURS (Min 45) _____
 TOTAL UPPER DIVISION RESIDENCY HOURS (Min 36) _____
 TOTAL UPPER DIVISION RESIDENCY HOURS IN MAJOR (Min 12) _____

TOTAL HOURS (Min 124) 124