

Bachelor of Science in CHEMISTRY

GENERAL Concentration

NAME: _____

Catalog Year: 2005-2006

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 4423 <u>Physical Chemistry I</u>	_____	4	_____
*CHEM 4424 <u>Physical Chemistry II</u>	_____	4	_____
*CHEM 4407 <u>Advanced Inorganic Chemistry</u>	_____	4	_____
*CHEM 4292 <u>Senior Chemistry Seminar</u>	_____	2	_____
sub total		38	

Select 14 hours from the following courses:

*CHEM 4443 <u>Environmental Chemistry</u>	_____	4	_____
*CHEM 4401 <u>Biochemistry I</u>	_____	4	_____
*CHEM 4402 <u>Biochemistry II</u>	_____	4	_____
*CHEM 4409 <u>Adv. Instrumental Analysis</u>	_____	4	_____
*CHEM 4344 <u>Chemical Oceanography</u>	_____	3	_____
*CHEM 4350 <u>Polymer Chemistry</u>	_____	3	_____
*CHEM 4490 <u>CHEM Special topics</u>	_____	<u>1-4</u>	_____
*CHEM 4696 <u>Directed Independent Research</u>	_____	<u>1-6</u>	_____
Sub Section total (Min)		14	
Major TOTAL		52	

SPECIAL FOUNDATIONS

	Grade	SCH	GP
PHYS 2425 <u>University Physics I</u>	_____	4	_____
PHYS 2426 <u>University Physics II</u>	_____	4	_____
BIOL, GEOL, or ESCI	_____	4	_____
BIOL, GEOL, or ESCI	_____	4	_____
MATH 2413 <u>Calculus I</u>	_____	4	_____
MATH 2414 <u>Calculus II</u>	_____	4	_____
*MATH 3470 <u>Calculus III</u>	_____	4	_____
TOTAL		28	0

University Requirements

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

ELECTIVES

	Grade	SCH	GP
<u>ELECTIVE</u>	_____	3	_____
<u>ELECTIVE</u>	_____	3	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
TOTAL		6	

TOTAL HOURS (Min 124) : _____ 124

UPPER DIVISION HOURS (Min 45) _____

Faculty Advisor: _____

Program Coordinator Dr. Mark Morvant, CS 211

PALS Chair: Dr. Grady Blount, ST 319E

Signature: _____

Dean: _____ Date: _____

Dr. Diana I. Martinez