

Bachelor of Science in CHEMISTRY

Biochemistry Concentration

NAME: \_\_\_\_\_

Catalog Year: 2005-2006

ID#: \_\_\_\_\_

\* Upper division Hours

<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 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		(8)	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
BIOL 2416	<u>Genetics</u>	_____	4
BIOL 2421	<u>Intro Microbiology</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 4401	<u>Biochemistry I</u>	_____	4
*CHEM 4402	<u>Biochemistry II</u>	_____	4
*CHEM 4420	<u>Physical Biochemistry</u>	_____	4
*CHEM 4292	<u>Senior Chemistry Seminar</u>	_____	2
*ELECTIVES	<u>Biochemistry related Courses approved by Faculty advisor</u>	_____	6

TOTAL 52

SPECIAL FOUNDATIONS

	Grade	SCH	GP
PHYS 1401 or 2425	<u>Physics I</u>	_____	4
PHYS 1402 or 2426	<u>Physics II</u>	_____	4
BIOL 1406	<u>Biology I</u>	_____	4
BIOL 1407	<u>Biology II</u>	_____	4
MATH 2413	<u>Calculus I</u>	_____	4
MATH 2414	<u>Calculus II</u>	_____	4
MATH 2342	<u>Statistics for PALS</u>	_____	3
TOTAL			27

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>*Upper div. Elective</u>	_____	3	_____
<u>*Upper div. Elective</u>	_____	3	_____
<u>Elective</u>	_____	1	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
TOTAL		7	_____

TOTAL HOURS (Min 124) : 124

UPPER DIVISION HOURS (Min 45) 45

Faculty Advisor \_\_\_\_\_  
 Program Coordinator Dr. Mark Morvant, CS 211  
 PALS Chair: Dr. Grady Blount, ST 319E

Signature: \_\_\_\_\_

Dean Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Dr. Diana I. Martinez