

TEXAS A&M UNIVERSITY - CORPUS CHRISTI
Bachelor of Science in BIOLOGY

TENTATIVE Degree Plan

EXPIRES: 8-2014

NAME: _____

Emphasis: CELL/MOLECULAR BIOLOGY

Catalog Year: 2007-2008

ID#: _____

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 1442 or 2413</u>	(4)	
Natural Sciences	<u>BIOL 1406</u>	(4)	
Natural Sciences	<u>BIOL 1407</u>	(4)	
Literature	<u>See List</u>	3	
US History	<u>HIST 1301</u>	3	
US History	<u>HIST 1302</u>	3	
US GOVT	<u>POLS 2305</u>	3	
TX GOVT	<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		36	

BIOLOGY CORE	Grade	SCH	GP
BIOL 1406	<u>Biology I</u>	4	
BIOL 1407	<u>Biology II</u>	4	
BIOL 2200	<u>Professional Skills</u>	2	
BIOL 2416	<u>Genetics</u>	4	
BIOL 2421	<u>Microbiology</u>	4	
*BIOL 4292	<u>Senior Presentation</u>	2	
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	
*CHEM 3412	<u>Organic Chemistry II</u>	4	
MATH 1442 or	<u>Statistics for Life</u>	4	
*MATH 3342	<u>Applied Prob & Stats(3)</u>	-	
*BIOL 4085	<u>Major Field Test</u>	0	
TOTAL		40	

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

Cell/Molec. Track - Core Classes	Grade	SCH	GP
*BIOL 3345	<u>Cell Physiology</u>	_____	_____
*BIOL 3403	<u>Molecular Biology</u>	_____	_____
*BIOL 3410	<u>Cell Biology</u>	_____	_____
*BIOL 4340	<u>Geonomics, Proteomics & Bioinfo.</u>	_____	_____
*CHEM 4401	<u>Biochemistry I</u>	_____	_____
*CHEM 4402	<u>Biochemistry II</u>	_____	_____

Cell/Molec. Track - Electives (23 SCH)
(See Electives List for approved courses)

Potential Hours		0	0
REQUIRED TOTAL		45	
Major GPA	_____	_____	_____
University Requirements			
UCCP	<u>UCCP 1101/1102</u>	2	
Computer Lit.	<u>see catalog for requirement</u>	_____	_____
Foreign Lang.	<u>see catalog for requirement</u>	_____	_____

TOTAL HOURS (MIN 123): 123

***UPPER DIVISION HOURS (MIN 45):** _____

Cell/Molecular Track Electives	SCH
BIOL 2371	<u>Principles of Evolution</u> 3
BIOL 2472	<u>Principles of Botany</u> 4
*BIOL 3430	<u>Physiology</u> 4
*BIOL 3455	<u>Plant Form and Function</u> 4
*BIOL 4301	<u>Embryology</u> 3
*BIOL 4304	<u>Biology of Viruses</u> 3
*BIOL 4350	<u>Research & Design</u> 3
*BIOL 4406	<u>Immunology</u> 4
*BIOL 4407	<u>Biology of the Fungi</u> 4
*BIOL 4408	<u>Microbial Ecology</u> 4
*BIOL 4433	<u>Parasitology</u> 4
*BIOL 4435	<u>Bio. Microtechniques</u> 4
*BIOL 4471	<u>Population Genetics</u> 4
*BIMS 3401	<u>Pathophysiology</u> 4
*BIMS 4323	<u>Neurobiology</u> 3
*BIMS 4327	<u>Intro to Toxicology</u> 3
*BIMS 4330	<u>Biological Basis of Aging</u> 3
*BIMS 4334	<u>Medical Genetics</u> 3
*BIMS 4335	<u>Molecular Endocrinology</u> 3
*BIMS 4374	<u>Medical Microbiology</u> 3
*BIMS 4410	<u>Histology</u> 4
PHYS 1401 or 2425	<u>General Physics I</u> 4
PHYS 1402 or 2426	<u>General Physics II</u> 4
MATH 2413	<u>Calculus I</u> 4
*BIOL 4590	<u>W/ Faculty Mentor Approval</u> _____
*Elective(s)	<u>W/ Faculty Mentor Approval</u> 8

Faculty Mentor: _____
 Dept. Chair: _____