

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

**TENTATIVE Degree Plan**

**EXPIRES: 8-2014**

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

Emphasis: GENERAL BIOLOGY

Catalog Year: 2007-2008

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

**UNIVERSITY CORE CURRICULUM**

	<u>Grade</u>	<u>SCH</u>	<u>GP</u>
Eng. Composition	<u>ENGL 1301</u>	<u>3</u>	
	<u>ENGL 1302</u>	<u>3</u>	
Oral Communication	<u>COMM 1315</u>	<u>3</u>	
Mathematics	<u>MATH 1442 or 2413</u>	<u>(4)</u>	
Natural Sciences	<u>BIOL 1406</u>	<u>(4)</u>	
Natural Sciences	<u>BIOL 1407</u>	<u>(4)</u>	
Literature	<u>See List</u>	<u>3</u>	
US History	<u>HIST 1301</u>	<u>3</u>	
US History	<u>HIST 1302</u>	<u>3</u>	
US GOVT	<u>POLS 2305</u>	<u>3</u>	
TX GOVT	<u>POLS 2306</u>	<u>3</u>	
Fine Arts	<u>See List</u>	<u>3</u>	
Economics	<u>ECON 2301</u>	<u>3</u>	
Social Science	<u>See List</u>	<u>3</u>	
Philosophy	<u>*PHIL 3340</u>	<u>3</u>	
<b>TOTAL</b>		<u>36</u>	

**BIOLOGY CORE**

	<u>Grade</u>	<u>SCH</u>	<u>GP</u>
BIOL 1406	<u>Biology I</u>	<u>4</u>	
BIOL 1407	<u>Biology II</u>	<u>4</u>	
BIOL 2200	<u>Professional Skills</u>	<u>2</u>	
BIOL 2416	<u>Genetics</u>	<u>4</u>	
BIOL 2421	<u>Microbiology</u>	<u>4</u>	
*BIOL 4292	<u>Senior Presentation</u>	<u>2</u>	
CHEM 1311/1111	<u>Gen. Chemistry I (3/1)</u>	<u>4</u>	
CHEM 1312/1112	<u>Gen. Chemistry II (3/1)</u>	<u>4</u>	
*CHEM 3411	<u>Organic Chemistry I</u>	<u>4</u>	
*CHEM 3412	<u>Organic Chemistry II</u>	<u>4</u>	
MATH 1442 or	<u>Statistics for Life</u>	<u>4</u>	
*MATH 3342	<u>Applied Prob &amp; Stats(3)</u>	<u>-</u>	
*BIOL 4085	<u>Major Field Test</u>	<u>0</u>	
<b>TOTAL</b>		<u>40</u>	

**ELECTIVES**

	<u>Grade</u>	<u>SCH</u>	<u>GP</u>
_____			
_____			
_____			
_____			
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<b>TOTAL</b>		<u>0</u>	

**General Biology Track - Core Classes**

	<u>Grade</u>	<u>SCH</u>	<u>GP</u>
BIOL 2371	<u>Principles of Evolution</u>		
BIOL 2472	<u>Principles of Botany</u>		
*BIOL 3410	<u>Cell Biology</u>		
*BIOL 3413	<u>Invertebrate Zoology</u>		
*BIOL 3414	<u>Vertebrate Biology</u>		
*BIOL 3428	<u>Principles of Ecology</u>		
<b>Choose one from the following:</b>			
*BIOL 3425	<u>Functional Anatomy</u>		
*BIOL 3430	<u>Physiology</u>		
*BIOL 3455	<u>Plant Form &amp; Function</u>		
<b>Choose one from the following:</b>			
*BIOL 3403	<u>Molecular Biology</u>		
*CHEM 4401	<u>Biochemistry I</u>		

**General Biology Track - Electives (14 SCH)**

*(See Elective List for approved courses)*

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

**General Biology Track - Electives List**

Any Upper-Division (\*) biology (BIOL) courses for which the appropriate prerequisites have been taken

	<u>SCH</u>
*CHEM 4402	<u>Biochemistry II</u> <u>4</u>
PHYS 1401 or 2425	<u>General Physics I</u> <u>4</u>
PHYS 1402 or 2426	<u>General Physics II</u> <u>4</u>
MATH 2413	<u>Calculus I</u> <u>4</u>
*BIOL 4590	<u>W/ Faculty Mentor Approval</u> <u>4</u>
*Elective(s)	<u>W/ Faculty Mentor Approval</u> <u>8</u>
<i>If not used in Biology Track - Core Classes:</i>	
*CHEM 4401	<u>Biochemistry I</u> <u>4</u>

**TOTAL HOURS (MIN 123):** 123

**\*UPPER DIVISION HOURS (MIN 45):** \_\_\_\_\_

Faculty Mentor: \_\_\_\_\_  
 Dept. Chair: \_\_\_\_\_