

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

TENTATIVE degree plan

EXPIRES: 8-2014

NAME: _____
ID#: _____

Major: Biomedical Sciences
Emphasis: Pre-Professional

Catalog Year: 2007-2008

UNIVERSITY CORE CURRICULUM		Grade	SCH	GP
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>	_____
			<u>36</u>	

BIOMEDICAL SCIENCES CORE		Grade	SCH	GP
BIOL 1406	<u>Biology I</u>	_____	<u>4</u>	_____
BIOL 1407	<u>Biology II</u>	_____	<u>4</u>	_____
BIOL 2416	<u>Genetics</u>	_____	<u>4</u>	_____
BIOL 2421	<u>Microbiology</u>	_____	<u>4</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>	_____
TOTAL			<u>32</u>	

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

Pre-Professional - Required Classes		Grade	SCH	GP
MATH 2413	<u>Calculus I</u>	_____	<u>4</u>	_____
or MATH 1442	<u>Introduction to Statistics</u>	_____	_____	_____
BIMS 2200	<u>Professional Skills</u>	_____	_____	_____
BIOL 4085	<u>Major Field Test in Biology</u>	_____	_____	_____

Pre-Professional - Electives		Grade	SCH	GP
(47 SCH from approved list)		_____	_____	_____
Potential Hours		_____	<u>4</u>	<u>0</u>
REQUIRED TOTAL		_____	<u>53</u>	

Major GPA _____

University Requirements		Grade	SCH	GP
UCCP	<u>UCCP 1101/UCCP 1102</u>	_____	<u>2</u>	_____
Computer Lit.	<u>See catalog for requirement</u>	_____	_____	_____
Foreign Lang.	<u>See catalog for requirement</u>	_____	_____	_____
TOTAL HOURS (MIN 123):			<u>123</u>	
*UPPER DIVISION HOURS (MIN 45):			_____	

IMPORTANT NOTE: After sophomore year, students must have & maintain a cum GPA of 2.5 or above, with no course older than 5 years old. No "D" will be accepted as credit within the Biomedical Sciences core or option courses.

Pre-Professional - Approved Electives		SCH
BIMS 2171	<u>Medical Terminology</u>	<u>1</u>
BIMS 2172	<u>Intro to Biomedical Careers</u>	<u>1</u>
*BIMS 3300	<u>Animal Nutrition</u>	<u>3</u>
*BIMS 3401	<u>Pathophysiology</u>	<u>4</u>
*BIMS 3403	<u>Molecular Biology</u>	<u>4</u>
*BIMS 4170	<u>Biomedical Seminar</u>	<u>1</u>
*BIMS 4295	<u>Biomedical Practicum</u>	<u>2</u>
*BIMS 4323	<u>Neurobiology</u>	<u>3</u>
*BIMS 4327	<u>Intro to Toxicology</u>	<u>3</u>
*BIMS 4330	<u>Biological Basis of Aging</u>	<u>3</u>
*BIMS 4333	<u>Medical Entomology</u>	<u>3</u>
*BIMS 4334	<u>Human Genetics</u>	<u>3</u>
*BIMS 4335	<u>Endocrinology</u>	<u>3</u>
*BIMS 4374	<u>Medical Microbiology</u>	<u>3</u>
*BIMS 4375	<u>Mech of Microbial Pathogenesis</u>	<u>3</u>
*BIMS 4396	<u>Directed Ind. Study (1-3 hrs)</u>	<u>-</u>
*BIMS 4406	<u>Immunology</u>	<u>4</u>
*BIMS 4410	<u>Histology</u>	<u>4</u>
*BIOL 3345	<u>Cell Physiology</u>	<u>3</u>
*BIOL 3410	<u>Cell Biology</u>	<u>4</u>
*BIOL 3425	<u>Comparative Vertebrate Anatomy</u>	<u>4</u>
*BIOL 3430	<u>Physiology</u>	<u>4</u>
*BIOL 4301	<u>Embryology</u>	<u>3</u>
*BIOL 4304	<u>Biology of Viruses</u>	<u>3</u>
*BIOL 4340	<u>Genomics, Proteomics, & Bio</u>	<u>3</u>
*BIOL 4407	<u>Biology of the Fungi</u>	<u>4</u>
*BIOL 4408	<u>Microbial Diversity & Ecology</u>	<u>4</u>
*BIOL 4433	<u>Parasitology</u>	<u>4</u>
*BIOL 4435	<u>Biological Microtechniques</u>	<u>4</u>
*CHEM 4320	<u>Drugs, Toxins, Natural Prod Chem</u>	<u>3</u>
*CHEM 4401	<u>Biochemistry I</u>	<u>4</u>
*CHEM 4402	<u>Biochemistry II</u>	<u>4</u>
PHYS 1401	<u>General Physics I</u>	<u>4</u>
PHYS 1402	<u>General Physics II</u>	<u>4</u>
MATH 2413	<u>Calculus I (if not counted in core)</u>	<u>4</u>
*MATH 3342	<u>Applied Probability & Statistics</u>	<u>3</u>
	<i>(only if not using MATH 1442)</i>	
*BIOL 4350	<u>Research and Design (1-3)</u>	<u>-</u>

The following courses require Faculty Mentor Approval for degree plan use

*BIMS 4590	<u>Selected Topics (1-5 SCH)</u>
*Elective(s)	<u>Up to 12 SCH</u>

Faculty Mentor: _____
Dept. Chair: _____