

CELL EMPHASIS -- BACHELOR OF SCIENCE IN BIOLOGY (2007-2008 Catalog)

Name _____ Student Number W _____

Supporting courses: 37 credits required.			
Course	Qtr/Yr	Credits	Substitute Course #, Name, College/University
Chem 121 – General Chemistry I (5 cr)			
Chem 122 – General Chemistry II (5 cr)			
Chem 123 – General Chemistry III (4 cr)			
Or Honors Chemistry 125, 126, 225 (15 cr) [See #2 on back]			
Chem 351 – Organic Chemistry I (4 cr)			
Chem 352 – Organic Chemistry II (4 cr)			
Chem 353 – Organic Chemistry III (3 cr) [recommended]			
Chem 354 –Organic Chemistry Lab I (2 cr) [recommended]			
Phys 114 – Physics I (5 cr)			
Phys 115 – Physics II (5 cr)			
Phys 116 – Physics III (5 cr) [recommended]			
Or Yr of Physics with Calculus (15 cr) [see #2 on back]			
Math 124 – Calculus I (5 cr)			
Math 125 – Calculus II (5 cr) [recommended]			
Supporting Courses Subtotal			

53 Total Basic, Breadth, Depth, Elective credits to complete this major

Basic Requirements: 14 credits required.			
Course	Qtr/Yr	Credits	Substitute Course #, Name, College/University
Biol 204 – Evolution, Ecology, & Biodiversity (4 cr)			
Biol 205 – Cellular & Molecular Biology (5 cr)			
Biol 206 – Organismal Biology (5 cr)			
Basic Courses Subtotal			

Breadth Requirements: 19 credits required			
Course	Qtr/Yr	Credits	Substitute Course #, Name, College/University
Biol 321 – Genetics (4 cr)			
Biol 323 – Cell & Molecular Biology (4 cr)			
Biol 325 – Ecology (3 cr)			
Biol 432 – Evolutionary Biology (4 cr)			
Math 240 – Introduction to Statistics (4 cr)			
Breadth Courses Subtotal			

Depth Requirements: 17-19 credits			
Course	Qtr/Yr	Credits	Substitute Course #, Name, College/University
Biol 345 – Microbiology (3 cr)			
Biol 451 – Plant Growth & Development (3 cr)			
Or Biol 482 Developmental Biology of Animals (3 cr)			
Biol 471 – Molecular Biology & Biochemistry (3 cr)			
Or Biol 473 – Molecular Biology (3 cr)			
Biol 324 – Methods in Molecular Biology (3 cr)			
Or Biol 475 – Molecular Biology Lab (3 cr)			
<i>And two of the following:</i>			
Biol 322 – Genetics Lab (4 cr)			
Biol 346 – Microbiology Lab (2 cr)			
Biol 453 – Plant Development Lab (3 cr)			
Biol 484 – Developmental Biology Lab (3 cr)			
Depth Courses Subtotal			

Electives: 2-4 credits Additional elective credits can be taken to fulfill university graduation requirements.			
Course	Qtr/Yr	Credits	Substitute Course #, Name, College/University
Elective Courses Subtotal			

Basic, Breadth, Depth, Elective Subtotal			
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Major Evaluation for Graduation: 90 credits required to complete this major			
Supporting Course Credit Subtotal (37 credits required)		Qtr/Yr you PLAN TO GRADUATE:	
Basic, Breadth, Depth, Elective Credit Subtotal (53 credits required)			
TOTAL CREDITS			

Biology Adviser Signature _____

Date _____

Biology Chair _____

Date _____

