



Bachelor of Arts

BIOLOGY: Ecology, Evolution and Organismal Biology Emphasis

Advisement Form 2010-2011

Name _____ ID _____

Lower Division Major Requirements (8 units)	Un.	Instit.	Course	Units	Grade	Term	Prerequisites, GE & Comments
BIOL 200 Principles of Organismal and Population Biology	4						GE: B2
BIOL 201 Principles of Cell and Molecular Biology	4						Prereq: CHEM 105 or 121; GE: B2
Required Supporting Courses (14 units)							
BIOL 203 Quantitative Methods for Biology	3						Prereq: A passing score on the ELM or MATH 105 or equivalent; GE: B3, B4
CHEM 121 General Chemistry I	4						Prereq: Passing score on CHEM placement exam or CHEM 105; GE: B1
CHEM 122 General Chemistry II	4						Prereq: CHEM 121 with a C or better; GE: B1
GEOL 122 Historical Geology	3						GE: B1
Upper Division Major Requirements (36-38 units)							
Required Biology Core Courses (26 units)							
BIOL 301 Microbiology	4						Prereq: BIOL 201 with a C or better & CHEM 122
BIOL 302 Genetics	4						Prereq: BIOL 201 with a C or better & CHEM 122
BIOL 303 Evolutionary Biology	3						Prereq: BIOL 200 & 201
BIOL 311 Plant Biology and Ecology	4						
BIOL 433 Ecology and the Environment	4						Prereq: BIOL 200; GE: B2, UDIGE
BIOL 499 Senior Capstone in Biology	3						Prereq: Consent of instructor
BIOL 310 Vertebrate Biology (or) BIOL 316 Invertebrate Zoology	4						Prereq: BIOL 200
Ecology/Evolution (3-4 units) Select <u>one</u> course from the following list:							
BIOL/ESRM 313 Conservation Biology	4						Prereq: BIOL 200
BIOL 406 Evolutionary Biogeography	3						Prereq: BIOL 303
BIOL 407 Behavioral Ecology	3						Prereq: BIOL 200
Organismal Biology (4 units) Select <u>one</u> course from the following list:							
BIOL 310 Vertebrae Biology (if not taken as part of a core)	4						Prereq: BIOL 200
BIOL 312 Marine Biology	4						Prereq: BIOL 200
BIOL 316 Invertebrate Zoology (if not taken as part of a core)	4						Prereq: BIOL 200
BIOL 317 Parasitology	4						Prereq: BIOL 200
BIOL 450 Ichthyology: The Biology of Fishes	4						Prereq: BIOL 200
BIOL 451 Ornithology	4						Prereq: BIOL 200 & 201

Upper Division Major Requirements, cont.	Un.	Instit.	Course	Units	Grade	Term	Prerequisites, GE & Comments
Physiology/Developmental/Molecular Biology (3-4 units) <i>Select <u>one</u> course from the following list:</i>							
BIOL 300 Cell Biology	4						Prereq: BIOL 201 with a C or better & CHEM 122
BIOL 304 Comparative Animal Physiology	3						Prereq: BIOL 200 & 201
BIOL 400 Molecular Biology	4						Prereq: BIOL 300 or 302 with a C or better
BIOL 422 Molecular Plant Physiology	4						Prereq: BIOL 300 with a C or better
BIOL 427 Developmental Biology	4						Prereq: BIOL 300 with a C or better & CHEM 122

Additional University Graduation Requirements

<p>9 Units Upper Division Interdisciplinary GE (UDIGE) at CSUCI (courses numbered 330-349 or 430-449) <i>Upper division standing or instructor consent required for these courses</i></p>			
Course 1	BIOL 433	Course 2 _____	Course 3 _____ (outside major)
<p>American Institutions Requirements: US History _____ <small>(choose from HIST 270, 271, 272, or 350)</small></p>		<p>State and Local Gov't _____ <small>(choose POLS 150)</small></p>	
<p><i>Students must receive a grade of C or better in the Language and Multicultural Requirements</i></p>			
<p>Language Requirement: GE C3a _____ <small>(one semester of college level language)</small></p>			
<p>Multicultural Requirement: GE C3b _____</p>			
<p><i>Minimum total units to graduate: 120 of which 40 must be upper division. Please see catalog for a complete list of graduation requirements.</i></p>			
Advisor _____		Date Completed: _____	
Advisor Comments: _____			
