



# Bachelor of Arts

## BIOLOGY: General Biology Emphasis

**Advisement Form 2008-2009**

Name \_\_\_\_\_ ID \_\_\_\_\_

Lower Division Major Requirements (8 units)	Un.	Instit.	Course	Units	Grade	Term	Prerequisites, GE and Comments
BIOL 200 Principles of Organismal and Population Biology	4						GE: B2
BIOL 201 Principles of Cell and Molecular Biology <i>Must receive a C or better</i>	4						Prereq: CHEM 105 or 121; GE: B2
<b>Required Supporting Courses (11-12 units)</b>							
<b>Chemistry (8 units)</b>							
CHEM 121 General Chemistry I <i>Must receive a C or better</i>	4						Prereq: 1 year high school chemistry or CHEM 105; GE: B1
CHEM 122 General Chemistry II <i>Must receive a C or better</i>	4						Prereq: CHEM 121 with a C or better; GE: B1
<b>Mathematics and Statistics (3-4 units) <i>Select one of the following:</i></b>							
BIOL 203 Quantitative Methods for Biology	3						Prereq: A passing score on ELM or MATH 105 or equivalent; GE: B3, B4
MATH 105 Pre-Calculus	4						Prereq: A passing grade on the ELM
MATH 150 Calculus I	4						Prereq: A passing score on the Calculus Placement Exam or MATH 105; GE: B3
<b>Upper Division Major Requirements (37 units)</b>							
<b>Biology (25 Units)</b>							
BIOL 300 Cell Biology <i>Must receive a C or better</i>	4						Prereq: BIOL 201 with a C or better and CHEM 122
BIOL 302 Genetics <i>Must receive a C or better</i>	4						Prereq: BIOL 201 with a C or better and CHEM 122
BIOL 303 Evolutionary Biology	3						Prereq: BIOL 200, 201
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 433 Ecology and the Environment	4						Prereq: BIOL 200; GE: B2, INTD
BIOL 499 Senior Capstone in Biology	3						Prereq: Consent of Instructor
<b>Electives in Biology (12 units) <i>Select at least 12 units from 300 and 400 level biology courses, one of which must be a lab course. (Biology courses numbered 326 to 345 are counted toward GE credits only and they are <u>not</u> counted towards the 12 units of electives). No more than two units taken from 492, 494, 497 may count in towards the 12 units of electives:</i></b>							

**Additional University Graduation Requirements**

**9 Units Upper Division Interdisciplinary GE at CSUCI (courses numbered 330-349 or 430-449)**

Course 1 (in major) BIOL 433 Course 2 (in major) \_\_\_\_\_  
(may choose BIOL 431, 432 or 434) Course 3 \_\_\_\_\_  
(outside major)

**American Institutions Requirements:** US History \_\_\_\_\_ State and Local Gov't \_\_\_\_\_  
(choose from HIST 270, 271, 272, 275 or 350) (choose POLS 150)

*Students must receive a grade of C or better in the language and Multicultural Requirements*

**Language Requirement:** GE C3a \_\_\_\_\_  
(one semester of college level language)

**Multicultural Requirement:** GE C3b \_\_\_\_\_

*Minimum total units to graduate: 120 of which 40 must be upper division. Please see catalog for a complete list of graduation requirements.*

Advisor \_\_\_\_\_ Date Completed: \_\_\_\_\_

Advisor Comments: \_\_\_\_\_

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