



Bachelor of Arts

BIOLOGY: General Biology Emphasis

Advisement Form 2010-2011

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	4						Prereq: CHEM 105 or 121; GE: B2
Required Supporting Courses (11-12 units)							
Chemistry (8 units)							
CHEM 121 General Chemistry I	4						Prereq: CHEM 105 or passing score on Chemistry Placement Exam; GE: B1
CHEM 122 General Chemistry II	4						Prereq: CHEM 121 with a C or better; GE: B1
Mathematics and Statistics (3-4 units) <i>Select one of the following:</i>							
BIOL 203 Quantitative Methods for Biology	3						Prereq: A passing score on ELM or MATH 105 or equivalent; GE: B3 or B4
MATH 105 Pre-Calculus	4						Prereq: A passing grade on the ELM; GE: B3
MATH 150 Calculus I	4						Prereq: A passing score on the Calculus Placement Exam or MATH 105; GE: B3
Upper Division Requirements in the Major (37 units)							
Required Biology Courses (25 Units)							
BIOL 300 Cell Biology	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 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, UDIGE
BIOL 499 Senior Capstone in Biology	3						Prereq: Consent of Instructor
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 <u>not</u> counted towards the 12 units of electives). No more than <u>two</u> units taken from 492, 494, 497 may count in towards the 12 units of electives:</i>							

