



Bachelor of Science ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT: Resource Management Emphasis

Advisement Form 2008-2009

Name _____ ID _____

Lower Division Requirements (37-39 units)		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
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	4						Prereq: CHEM 121 with a C or better; GE: B1
ECON 110 Principles of Microeconomics	3						GE: D
ECON 111 Principles of Macroeconomics	3						GE: D
ESRM 100 Introduction to Environmental Science and Resource Management	3						GE: B2, D
ESRM 200 Principles of Resource Management, Conservation, and Stewardship	3						Prereq: ESRM 100, BIOL 200
<i>Select one of the following:</i>							
GEOL 121 Physical Geology	4						GE: B1
GEOL 122 Historical Geology	3						GE: B1
<i>Select one of the following:</i>							
MATH 140 Calculus for Business Applications	3						Prereq: Passing score on Calculus Placement Exam or MATH 101 or 105; GE: B3
MATH 150 Calculus I	4						Prereq: Passing score on the Calculus Placement Exam or MATH 105; GE: B3.
<i>NOTE: Although not required, Math 151 Calculus II is highly recommended for this major</i>							
<i>Select one of the following:</i>							
MATH/PSY 202 Biostatistics	3						Prereq: Passing score on ELM Exam or MATH 105 or equivalent; GE: B3
MATH 329 Statistics for Business and Economics	3						GE: B3
BIOL 203 Quantitative Methods for Biology	3						Prereq: Passing score on ELM Exam or MATH 105 or equivalent; GE: B3, B4
Upper Division Requirements (43 units)							
Major Courses (27 units)							
BIOL 433 Ecology and the Environment	4						Prereq: BIOL 200; GE: B2, INTD
ECON 362 Environmental Economics	3						Prereq: ECON 110, 111; or 300
ENGL 337 Literature of the Environment	3						GE: C2, D, INTD
ESRM/BIOL 313 Conservation Biology	4						Prereq: BIOL 200
ESRM 328 Introduction to Geographical Information Systems	3						Prereq: ESRM 100 or consent of instructor; GE: B4
ESRM 329 Environmental Law and Policy	3						Prereq: ESRM 100 or consent of instructor
ESRM/HIST 342 Environmental History	3						GE: D, INTD
ESRM 491 Capstone Preparation	1						Prereq: Senior standing
ESRM 499 Capstone	3						Prereq: Upper division required courses (may be taken concurrently)

Upper Division Requirements, cont.	Un.	Instit.	Course	Units	Grade	Term	Prerequisites, GE and Comments
Emphasis Requirements (16 units)							
ESRM 462 Coastal and Marine Management	4						Prereq: BIOL 433, ESRM 200, 329
ESRM 463 Water Resources Management	4						Prereq: BIOL 433, ESRM 200, 329
ESRM 464 Land Use Planning and Open Space Management	4						Prereq: BIOL 433, ESRM 200, 329
<i>Select four units from the following courses:</i>							
BIOL 450 Ichthyology: The Biology of Fishes	4						Prereq: BIOL 200
BIOL 451 Ornithology	4						Prereq: BIOL 200, 201
ECON 464 Natural Resource Economics	3						Prereq: ECON 310 or 329
ECON 480 Topics in Environmental and Natural Resource Economics	3						Prereq: ECON 362 or 464 or consent of the instructor; Repeatable by topic
ECON 488 Applied Managerial Econometrics	4						Prereq: MATH 202 or 329 or 352; ECON 310 or 329; MATH 150
ENGL 482 Technical Writing	3						Prereq: ENGL 330
ENGL 483 Technical Visual Communication	3						
ESRM/ANTH 332 Human Ecology	3						GE: D, INTD
ESRM 352 Theory and Practice of Ecological Restoration	3						
ESRM 410 Environmental Impact Assessment	3						Prereq: BIOL 433, ECON 362, ESRM 328, 329
ESRM 428 Intermediate Geographic Information Systems	3						Prereq: ESRM 328
ESRM 482 Issues in Environmental Planning and Resource Management	3						Prereq: BIOL 433, ECON 362, ESRM 329
ESRM 492 Service Learning/Internship	3						Prereq: Consent of instructor; Graded CR/NC
ESRM 494 Independent Research	1-3						Prereq: Consent of instructor; Graded CR/NC
MATH 430 Research Design and Data Analysis	3						Prereq: MATH 202 with a C or better; or MATH 352; GE: A3, B3, INTD
MGT 307 Management of Organizations	3						
MGT 428 Contract Management	3						Prereq: MGT 307

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) ENGL 337 Course 3 _____
 (outside major)

American Institutions Requirements: US History _____ State and Local Gov't _____
 (choose 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: _____