

# Environmental Studies Advising Grid CORE CURRICULUM

NRMC

New Curriculum as of Fall 2006 – updated Fall 2009

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Course #	Course	Units	Semester Taken	Grade	Instructor
<b>MAJOR CORE: All required (21 units)</b>					
ENVS 300	Introduction to Environmental Studies (FS)	3			
CHEM 115*	Gen Chemistry I: Essential Concepts (placement exam)(FS)	5			
ENVS/CHEM 380*	Chemistry Behind Environmental Pollution (S)	3			
ENVS 450*	Environmental Law and Policy (FS)	3			
ENVS/GEOG 600*	Environmental Problems & Solutions (E) (III)	3			
ENVS 680*	Internship (FS)	1-3			
ENVS 690*	Senior Seminar ENVS (FS)	3			
<b>Major Core units taken:</b>					
<b>MAJOR ELECTIVES: Select one from each category (15-24 units)</b>					
<b><i>Physical Environment</i></b>					
GEOG 101 <sup>II</sup>	Our Physical Environment (E)	3			
GEOL 270 <sup>II</sup>	Environmental Geology (F)	3			
<b><i>Human Environment</i></b>					
GEOG 102 <sup>II</sup>	The Human Environment (E)	3			
ANTH 120 <sup>II</sup>	Intro to Social & Cultural Anthropology (E)	3			
ENVS/ECON 306	Economics and the Environment (S?)	3			
<b><i>Environmental Justice/Urban Issues</i></b>					
ANTH 321	Endangered Cultures (S+) (III)	3			
RAZA 450	Indigenismo: Indigenous Cultures/Personality (FS) (III)	3			
USP 514	Sustainable Development in Cities (F) (III)	4			
USP 515	Race, Poverty, and the Environment (S) (III)	4			
<b><i>Ecology</i></b>					
BIOL 230*	Introductory Biology I (placement exam)(E)	5			
<b><i>Human Values and Environmental Ethics</i></b>					
BECA 502	Env. Communication on the Electronic Media (F) (III)	3			
ENG 535*	Literature and Ecology (R)	3			
ENVS 392*	Nature, Culture, and Technology (S?) (III)	3			
PHIL 470	Environmental Ethics (S?)(III)	3			
PLSI 354*	Politics, the Environment, and Social Change (F) (III)	4			
<b>Major Electives units taken:</b>					
<b>Total for core: 38-42</b>					

**GE Segment III Courses:** \_\_\_\_\_

Note: only two of three can also count units toward major

ENVS 300 is a prerequisite for ENVS 450, 680 and 690. ENG 214 is a prerequisite for ENVS 450.

Majors must pass both ENVS 300 and 450 with a grade of C or better.\*

\* = Prerequisite, or consent of instructor, III = segment 3

F = Fall, S = Spring, + = Plus other semesters occasionally, A = Alternate years (i.e. every 2 years),

E = Every Semester (FS and Summer), R = rare, if ever, ? = Don't know

II = GE Segment II

^NOTE: Course, NOT UNITS, can be double counted between core & concentration

\*\*\*\*\*availability of classes may be different than indicated here\*\*\*\*\*

# ENVS Advising Grid – NATURAL RESOURCE MGMT & CONSERVATION

<b>CONCENTRATION CORE: All required (19-20 units)</b>		<b>Units</b>	<b>Semester</b>	<b>Grade</b>	<b>Instructor</b>
BIOL 240*	Introductory Biology II (E) ( <i>if not taken in major core</i> )	5			
BIOL 458*	Biometry	4			
BIOL 530*	Conservation Biology (F)	3			
GEOG/USP 652* or GEOG 603*	Environmental Impact Analysis (FS) or Introduction to GIS (FS)	4 3			
GEOG/ENVS 657*	Natural Resource Management	4			
<b>Concentration Core Units Taken:</b>					
<b>ELECTIVES: Select 20-24 units with at least one from each category</b>					
<b>Ecology – select one</b>					
BIOL 482*	Ecology (?)	4			
BIOL 529*	Plant Ecology (F)	4			
BIOL 532*	Restoration Ecology	3			
BIOL 582*	Biological Oceanography (F)	4			
BIOL 585*	Marine Ecology (R)	3			
<b>Biodiversity – select one</b>					
BIOL 460*	General Entomology (R)	4			
BIOL 475*	Herpetology	3			
BIOL 478*	Ornithology (R)	4			
BIOL 504*	Biology of the Fungi (R)	4			
BIOL 514*	Plant Taxonomy (S)	5			
BIOL 570*	Biology of Fishes (FA)	4			
GEOG 316*	Biogeography (F and alternate S)	4			
<b>Resources – select one</b>					
GEOG 317	Geography of Soils (SA)	4			
GEOG 427^	Agriculture and Food Supply (S) (III)	4			
GEOG 646*	Geography of Marine Resources (R)	4			
GEOG 647*	Geography of Water Resources (S)	4			
GEOG 666*^	Geography of Garbage (S) (III)	3			
RPT 440*	Urban Recreation and Leisure Services	3			
RPT/ENVS 640	Recreational Use of National Parks & Protected Areas	3			
<b>Applied Methodology/Techniques – select one</b>					
BIOL 531*	Applied Conservation Biology	3			
GEOG/GEOL 642*	Watershed Assessment and Restoration (S)	4			
GEOG/USP 658*	Land Use Planning (FS)	4			
GEOG 610 or 611*	Remote Sensing of the Environment I(F) or II (S)	4			
GEOG 621/BIOL 533*	GIS for Environmental Analysis (F)	4			
GEOG/USP 652*	Environmental Impact Analysis	4			
GEOG 602*	Field Methods in Physical Geography	4			
GEOL 475*	Hydrogeology	4			
<b>Additional Electives Upon Advisement</b>					
ENVS/ECON 306	Economics and the Environment (S)	3			
ENVS 470	Climate Politics and Policy (S?)	3			
ENVS 570	Campus Sustainability (S?)	3			
Any other electives	Courses can be chosen from the above courses and those listed in the catalogue.				
<b>Concentration Electives units taken:</b>					
<b>Total for concentration: 34-49</b>					
<b>Total for major: 77-84</b>					