

<b>BS in Natural Resources, Global Change Ecology and Management option</b>												
<b>General Education Requirements</b>					<b>Natural Resources Core Courses (18 units)</b>							
<b>English Composition</b>					RNR 200: Conservation of Natural Environments (Fall)					3		
ENGL 101 and ENGL 102					3	3	RNR 230R/L: Field Botany (Fall)					3
<b>OR ENGL 109H</b>						3	RNR 316: Natural Resources Ecology (Fall)					3
(grade of B or higher is required)							RNR 321: Ecological Surveys and Sampling (Spring)					3
							RNR 384: Natural Resources Management (Spring)					3
							RNR 480: Natural Resources Policy and Law (Spring)					3
<b>2nd Language</b>												
(2 <sup>nd</sup> semester proficiency by credit or exam)												
<b>Tier I</b>					<b>Option Specific Courses (36 units)</b>							
TRADS: Traditions and Cultures: Select 2 courses with different letters from the 160A, B, C, or D series					3	3	RNR 101: Sustainability and Natural Resources (Fall)					3
INDIVS: Individuals and Societies: Select 2 courses with different letters from the 150A, B, C series							RNR 351: Ecosystem Services: Science and Management					3
						3	RNR 440: Climate Change Adaptation (Spring)					3
						3	GEOG 430: The Climate System (Spring)					3
							GEOS 478: Global Change Ecology (Fall)					3
							Policy, Law, Economics Elective: Select 1					3
							AREC 350: Econ, Ethics and Env. Manage.					
*NATS: Natural Sciences satisfied by the major foundation courses							AREC 479: Econ of Water Manage. and Policy					
(Courses in the 170A, B, C series if non-science major)							Environment Elective: select 1					3 - 4
							RNR 458: Ecosystem Ecology (Spring) <b>OR</b>					
<b>Tier II</b>							WSM 452: Dryland Ecohydrology (Fall)					
Art or Humanities						3	Earth Systems and Global Change Elective: select 1					( )
							<i>see list</i>					
*NATS (Natural Sciences) satisfied by the major foundation courses							Skills and Tools Elective select 1					( )
*INDV satisfied by the major foundation courses							<i>see list</i>					
*One general education course must have the non-Western Civilization, Gender, Race, Class, Ethnicity designation							Biological Systems Elective: select 1					( )
							<i>see list</i>					
<b>Major Foundation Courses</b>							Human Systems Elective: select 1					( )
Calculus: MATH 113, 122A/B, or 125					3	or 5	<i>see list</i>					
Statistics: MATH 163 or 263						3	Management Elective					( )
Technical Writing: 1 course							<i>see list</i>					
ENGL 308 OR 414, OR AGTM 422,												
OR SWES 408 OR 415						3						
ECON 200 or 201A (Tier II INDIV)						3						
General Chemistry (Tier I NATS)							<b>Technical Electives (10) to reach 120 units:</b>					
CHEM 151, CHEM 152					4	4						( )
Additional Physical Science: 1 course												( )
PHYS 102						3						( )
General Biology:												( )
MCB 181R/L: Intro Biol I (Fall; Tier II NATS)						4						( )
ECOL 182R/L: Intro Biol II (Spring)						4						( )

**Graduation Requirements:** >120 units, 42 upper division units, 30 or more units completed at the UA, >2.0 major and cumulative GPA, Mid-career writing assessment fulfilled with a B or higher in English Composition OR with Technical Writing requirement.

