

BS in Natural Resources, Global Change Ecology and Management option catalog year 2017-18

General Education Requirements

<u>English Composition</u>			
ENGL 101 and ENGL 102	3	3	
OR ENGL 106, 107 and 108	3	3	
OR ENGL 109H		3	

2nd Language
(2nd semester proficiency by credit or exam)

Tier I

Individuals and Societies: Select 2 courses from 150s		3	
		3	
Traditions and Cultures: Select 2 courses from 160s		3	
		3	

NOTE: you do not need any 170A, B, C courses

Tier II

Art or Humanities			
		3	
*Individuals and Societies: ECON 200 suggested			
		3	

Diversity requirement: One general education course must have the non-Western Civilization, Gender, Race, Class, Ethnicity designation. Some Tier 1 and Tier II courses also satisfy this requirement

Supporting Coursework

Statistics: MATH 163 or 263, OR PSY 230 OR SBS 200		3	
Economics: *ECON 200		3	
*If you count ECON 200 towards your Tier II Indiv, substitute a technical elective			
Physics: PHYS 102			
General Chemistry: CHEM 151 AND CHEM 152	4	4	
General Biology: MCB 181R/L: Intro Biol I		4	
ECOL 182R/L: Intro Biol II		4	

Graduation Requirements:

- at least 120 units
- 42 upper division units
- 30 or more units completed at the UA

Natural Resources Core Courses (18 units)

RNR 200: Conservation of Natural Environments (Fall)			3
RNR 230R/L: Field Botany (Fall)	2		1
RNR 316: Natural Resources Ecology (Fall)			3
RNR 321: Ecological Surveys and Sampling (Spring)			3
RNR 384: Natural Resources Management Practices (Spring)			3
RNR 480: Natural Resources Policy and Law (Spring)			3

Core Themes (13 units) *select one course from each area*

Math: MATH 113 OR MATH 122B OR MATH 125	3	or	5
Technical Skills: RNR 403, RNR 417, GEOG 330, RNR 429, RAM 456A, RAM 446			3
Technical Writing: ENGL 308, ENGL 313, ENGL 340, ENGL 414, ENVS 408, ENVS 415			3
Oral or Media Communication: AGTM 422, COMM 119, COMM 113, JOUR 455, JOUR 472, SBE 202, SCI 401			3
SNRE requirement			1

Option Specific Courses (28 units)

RNR 101 Global Sustainability and Natural Resources (Fall)			3
RNR 440 Climate Change Adaptation (Fall)			3
RNR 496G Climate Assessment (Spring)			3
GEOS 430 The Climate System (Spring)			3
GEOS 478 Global Change Ecology (Fall)			3
Policy, Law, Economics (select 1) AREC 360, AREC 476, AREC 479			4
Environment Elective (Select 1) RNR 458 Ecosystem Ecology (Spring) WSM 452 Dryland Ecohydrology (Fall)	3	or	4
Earth Systems and Global Change Elective (select 1)			3
Biological Systems Elective (select 1)	3	or	4
Human Systems elective (select 1)			3
Management elective (select 1)	3	or	4

Technical Electives (11 units):

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- at least a 2.0 major and cumulative GPA,
- Mid-career writing assessment fulfilled with a B or higher in English Composition OR with Technical Writing requirement.