

BS in Natural Resources, Global Change Ecology and Management option catalog year 2018-19

General Education Requirements

English Composition

ENGL 101 and ENGL 102	3	3	3
OR ENGL 106, 107 and 108	3	3	3
OR ENGL 109H		3	

2nd Language

(2nd semester proficiency by credit or exam; C or better)

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	_____
_____	3	_____

*Individuals and Societies: ECON 200 suggested

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	3	_____
General Chemistry: CHEM 151 AND CHEM 152	4	_____
General Biology: MCB 181R/L: Intro Biol I	4	_____
ECOL 182R/L: Intro Biol II	4	_____

Natural Resources Core Courses (18 units)

RNR 200: Conservation of Natural Environments (Fall/Sum)	3	_____
RNR 230R/L: Field Botany (Fall)	2	_____
RNR 316: Natural Resources Ecology (Fall/Sp)	3	_____
RNR 321: Ecological Surveys and Sampling (Fall/Sp)	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: ALC 422, COMM 119, COMM 113, JOUR 455, JOUR 472, RNR 495A, SBE 202, SCI 401	3	_____
SNRE requirement	1	_____

Option Specific Courses (33 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)	3	_____
AREC 360, AREC 476, AREC 479, RNR 485		
Environment Elective (Select 1)	3 or 4	_____
RNR 458 Ecosystem Ecology (Spring)		
WSM 452 Dryland Ecohydrology (Fall)		
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):

_____	()	_____
_____	()	_____
_____	()	_____
_____	()	_____
_____	()	_____

Graduation Requirements:

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