Bachelor of Science in Natural Resources: Global Change Ecology and Management
catalog checklist 2023-2024

General Education Requirements

ENGLISH COMPOSITION:

ENGL 101 & 102	3___	3___
OR ENGL 106, 107 & 108	3___ 3___	3___
OR ENGL 109H		3___

FOREIGN LANGUAGE:

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

TIER I GENERAL EDUCATION:

Individuals & Societies (2 courses from 150s)

_____   3___

_____   3___

Traditions & Cultures (2 courses from 160s)

_____   3___

_____   3___

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

TIER II GENERAL EDUCATION:

Arts or Humanities

_____   3___

*Individuals & Societies (ECON 200 suggested)

_____   3___

Diversity Requirement: ____

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

Supporting Coursework (22 units)

Statistics: (select ONE)

MATH 163, MATH 263, PSY 230, SBS 200   3___

Economics: ECON 200   3___

   *if you count ECON 200 towards Tier II Indiv, substitute
   technical elective

General Chemistry: CHEM 151 & CHEM 152   4___ 4___

General Biology:

MCB 181R/L   4___

ECOL 182R/L   4___

Natural Resources Core Courses (18 units)

RNR 200: Conservation of Natural Environments (F/Sp/Su)	3___
RNR 230R/L: Field Botany (F)	2___1___
RNR 316: Natural Resources Ecology (F/Sp)	3___
RNR 321: Ecological Surveys and Samplings (F/Sp)	3___
RNR 384: Natural Resources Management Practices (Sp)	3___
RNR 480: Natural Resources Policy and Law (Sp)	3___

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

Math: (select ONE)

MATH 113, MATH 122B, MATH 125   3 or 4___

Technical Skills: (select ONE)

RNR 403, RNR 417, GEOG 330, RAM 456A,
RAM 446   3___

Technical Writing: (select ONE)

ENGL 308, ENGL 313, ENGL 340, ENGL 414,
ENVS 408, ENVS 415   3___

Oral or Media Communication: (select ONE)

ALC 422, COMM 119, COMM 113, JOUR 455,
JOUR 472, RNR 495A, SBE 202, SCI 401   3___

SNRE Requirement: RNR 195A or other   1___

Option Specific Courses (25 units)

RNR 101: Global Sustainability & Natural Resources (F/Sp/Su)	3___
RNR 440: Climate Change Adaptation (F)	3___
RNR 429: Ecological Climatology (even year Sp)	3___
WSM 452: Dryland Ecohydrology (F)	4___
RNR 458: Ecosystem Ecology (Sp)	3___
(select ONE) WSM 460A: Watershed Hydrology OR	
GEOS 478: Global Change	3___
Planning, Governance, Diplomacy: (select ONE)	3___
ENGR 495A, GEOG 363, PA 482, PLG 408	
Policy, Law, and Economics: (select ONE)	
AREC 360, AREC 479, RNR 485 (Sp)	3___

Technical Electives (18 units)

_____	( )___
_____	( )___
_____	( )___
_____	( )___
_____	( )___
_____	( )___
_____	( )___
_____	( )___

Graduation Requirements:

- 120 total units (42 upper division units)
- 30+ units completed at UA

- 2.0+ major and cumulative GPA
- mid-career writing assessment fulfilled with B or higher in English
Composition OR with Technical Writing requirement