

BS in Natural Resources, Ecology, Management and Restoration of Rangelands option catalog year 2017-18

General Education Requirements

English Composition

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

General Chemistry: CHEM 151 AND CHEM 152

4

4

Soil Science: ENVS 200 and 201

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 109C or MATH 112	3 or	5
Technical Skills: RNR 403, RNR 417, GEOG 330, RNR 429, WSM 460, WSM 462		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 (22 units)

RAM 382 Rangeland Plant Communities (Spring)		3
RAM 436A Grazing Ecology and Management (Fall)		2
RAM 446 Restoration and Management of Wildland Vegetation (Spring)		4
RAM 456A Rangeland Inventory and Monitoring (Fall)		4
RAM 487 Rangeland Management Planning (Odd Springs)		2

Technical Electives (26 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.