

Bachelor of Science in Natural Resources: Ecology, Management, and Restoration of Rangelands

Post Spring 2022 Checklist: catalog year 2025-26

General Education Requirements (29 units)

ENGLISH COMPOSITION:

WRIT 101 & 102 3__ 3__

OR WRIT 106, 107 & 108 3__ 3__ 3__

OR WRIT 109H 3__

FOREIGN LANGUAGE:

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

GEN ED ENTRY COURSE:

UNIV 101: Introduction to GE Experience 1__

EXPLORING PERSPECTIVES: (12 units)

Choose one course from each domain

Artist 3__

Humanist 3__

*Natural Scientist 3__

**Social Scientist 3__

*Suggested: *CHEM 151, **ECON 200 or AAE 217*

BUILDING CONNECTIONS: (9 units)*

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**Suggested: WFSC 223, WRIT 308*

GEN ED EXIT COURSE:

UNIV 301: GE Portfolio 1__

NOTE: 9 units of Exploring Perspectives and Building Connections can double dip with selected required courses

Supporting Coursework (26 units)

Statistics: (select ONE)

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

Economics: (select ONE)

ECON 200**, AAE 217** 3__

General Chemistry: CHEM 151* & CHEM 152 4__ 4__

General Biology:

MCB 181R/L 4__

ECOL 182R/L 4__

Soil Science: ENVS 200 & ENVS 201 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: MATH 112 3__

Technical Skills: (select ONE)

RNR 403, RNR 417 3__

Technical Writing: (select ONE)

WRIT 308*, ENGL 313, ENGL 340, ENGL 414, 3__

ENVS 408, ENVS 415 3__

Oral or Media Communication: (select ONE)

ALC 422, COMM 119, JOUR 455, 3__

JOUR 472, RNR 495A, SBE 202, ESOC 212 3__

SNRE Requirement: RNR 195A or other 1__

Option Specific Courses (17 units)

RAM 382: Rangeland Plant Communities (Sp) 3__

RAM 389: Principles of Rangeland Management 2__

RAM 436A: Grazing Ecology and Management (S) 2__

RAM 446: Restoration and Management of 4__

Wildland Vegetation (Sp) 4__

RAM 456A: Rangeland Inventory and Monitoring (F) 4__

RAM 487: Rangeland Management Planning (Sp - odd) 2__

Technical Electives (24 units)

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*number of units depends on double dipping with gen ed courses

Graduation Requirements:

- minimum 120 units (min 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