

Bachelor of Science in Natural Resources: Watershed Management and Ecohydrology

Checklist catalog year Fall 2026 & Beyond

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: (6 units)*

3__

3__

**Suggested: WFSC 223 or WRIT 308*

CIVIC INSTITUTIONS: (3 units)

3__

GEN ED EXIT COURSE:

UNIV 301: GE Portfolio 1__

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

Supporting Coursework (37 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 & ECOL 182R/L 4__ 4__

PHYS 110 AND PHYS 111 *or* ENVS 420 4__ 3__

GEOS 251 4__

ENVS 200 & 201 4__

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

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) 3__

RNR 321: Ecological Surveys and Samplings (Sp) 3__

RNR 384: Natural Resources Management Practices (Sp) 3__

RNR 480: Natural Resources Policy and Law (Sp) 3__

Core Themes (16 units) *select one course from each area*

Math: MATH 122B or MATH 125 3__

AND MATH 129 3__

Technical Skills: (select ONE)

RNR 403, RNR 417 3__

Technical Writing: (select ONE)

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

ENVS 408, ENVS 415 3__

Oral or Media Communication: (select ONE)

ALC 422, COMM 119, JOUR 455,

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

SNRE Requirement: RNR 195A or other 1__

Option-Specific Courses (23 units)

Riparian Science: (select ONE) 3 or 4__

WFSC 471 Stream Ecology or

ENVS 474 Aquatic Plants and the Environment

WSM 452: Climate Change & Dryland Ecosystem Ecology 4__

HWRS 350: Principles of Hydrology 3__

WSM 450: Hydrology for Water Resources Management 4__

WSM 468: Wildland Water Quality 3__

Forest Science: (select ONE) 3__

RNR 355 Intro to Wildland Fire or

RNR 433 Forest Ecology or

RNR 458 Ecosystem Ecology

Resource Economics: (select ONE) 3__

AAE 476 Environmental Law and Economics or

AAE 373 Environmental Economics

Technical Electives (5 units)

()__

()__

()__

Graduation Requirements:

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

- 2.0+ major and cumulative GPA
- Every undergraduate student must complete at least one regular junior- or senior-level upper-division course in their degree program that has a Writing Emphasis.