

BS in Natural Resources, Watershed Management and Ecohydrology option catalog year 2017-18

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	3	3

2nd Language

(2nd semester proficiency by credit or exam)

Tier I

Individuals and Societies: Select 2 courses from 150s

	3	3	3
	3	3	3

Traditions and Cultures: Select 2 courses from 160s

	3	3	3
	3	3	3

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

Tier II

Art or Humanities

	3	3	3
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*Individuals and Societies: ECON 200 suggested

	3	3	3
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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

Economics: *ECON 200

*If you count ECON 200 towards your Tier II Indiv, substitute a technical elective

General Chemistry: CHEM 151 AND CHEM 152

PHYS 102 and 103

GEOS 251

ENVS 200 and 201

General Biology: MCB 181R/L: Intro Biol I

ECOL 182R/L: Intro Biol II

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 122B or MATH 125 AND MATH 129

Technical Skills: RNR 403, RNR 417, GEOG 330, 3

RNR 429, RAM 456A, RAM 446

Technical Writing: ENGL 308, ENGL 313, ENGL 340, 3

ENGL 414, ENVS 408, ENVS 415

Oral or Media Communication: AGTM 422, COMM 119, 3

COMM 113, JOUR 455, JOUR 472, SBE 202, SCI 401

SNRE requirement

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Option Specific Courses (28 units)

Riparian Science: 3

WFSC 471 Stream Ecology OR ENVS 474 Aquatic Plants and the Environment

WSM 452 Dryland Ecohydrology and Vegetation Dynamics 4

WSM 460A Watershed Hydrology with Lab 4

WSM 462 Watershed Management 4

Forest Science: RNR 355 Intro to Wildland Fire 3

GEOS 251 Physical Geography 4

Resource Economics: 3

AREC 476 Environmental Law and Economics OR AREC 479 Economics of Water Management and Policy

WSM 468 Wildland Water Quality 3

Technical Electives (5 units)

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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.