

**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  
 OR ENGL 106, 107 and 108 3 3  
 OR ENGL 109H 3

2nd Language

(2<sup>nd</sup> 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 Individ, substitute a technical elective

General Chemistry: CHEM 151 AND CHEM 152

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PHYS 102 and 103

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4

GEOS 251

4

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 113 OR MATH 122B OR MATH 125 3 or 5  
 Technical Skills: RNR 403, RNR 417, GEOG 330, RNR 429, RAM 456A, RAM 446 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 (28 units)**

Genetics: PLS 312 OR ECOL 320/H 4  
 Plants: RAM 382 Rangeland Plant Communities (Sp) or ENVS 474 Aquatic Plants and the Environment (F) or ENVS 475 Freshwater and Marine Algae (Sp) 3 - 4  
 WSM 468 Wildland Water Quality (Spring) 3  
 WFSC 471 Stream Ecology (Fall) 3  
 WFSC 445 R and L (even Sp) 4  
 Additional Management course (select 1): WFSC 444 WFSC 456 4  
 ECOL 482 (odd year Fall) 4

Additional Organismal Biology course (select 1):

ENTO 405 Aquatic Entomology or ECOL 483 Herpetology or ECOL 484 Ornithology, or ECOL 485 Mammalogy 4

**Technical Electives (5 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.