

BS in Natural Resources, Fisheries Conservation and Management option catalog year 2019-20

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; C or better)

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

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 4__ 4__
 Additional Physical Science (select 1): 4__
 CHEM 241A and 243A or PHYS 102 and 183
 or ENVS 200 and 201, or GEOS 251
 General Biology: MCB 181R/L: Intro Biol I 4__
 ECOL 182R/L: Intro Biol II 4

Natural Resources Core Courses (18 units)

RNR 200: Conservation of Natural Environments (Fall/Sum) 3__
 RNR 230R/L: Field Botany (Fall) 2__ 1__
 RNR 316: Natural Resources Ecology (Fall/Spring) 3__
 RNR 321: Ecological Surveys and Sampling (Fall/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, 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: ALC 422, COMM 119, 3__
 COMM 113, JOUR 455, JOUR 472, RNR 495A, SBE 202, SCI 401
 SNRE requirement 3__
 _____ 1__

Option Specific Courses (28 units)

Genetics: PLS 312 OR ECOL 320/H 4__
 Plants: RAM 382 Rangeland Plant Communities (Sp) or 3-4__
 ENVS 474 Aquatic Plants and the Environment (F) or
 ENVS 475 Freshwater and Marine Algae (Sp)
 WSM 468 Wildland Water Quality (Spring) 3__
 WFSC 471 Stream Ecology (Fall) 3__
 WFSC 455 R and L Fishery Management (even Sp) 4__
 Additional Management course (select 1): 4__
 WFSC 444 Wildlife Ecol, Cons, Mang
 WFSC 456 Aquaculture
 ECOL 482 Ichthyology (odd year Fall) 4__
 Additional Organismal Biology course (select 1):
 ENTO 405 Aquatic Entomology or ECOL 483 Herpetology 4__
 or ECOL 484 Ornithology, or ECOL 485 Mammalogy

Technical Electives (13 units):

____ ()__
 _____ ()__
 _____ ()__
 _____ ()__
 _____ ()__

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.