

BS in Natural Resources, Fisheries Conservation and Management option catalog year 2018-19

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

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

_____ 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 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	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		1 _____

Option Specific Courses (28 units)

Genetics: PLS 312 OR ECOL 320/H	4	_____
Plants: RAM 382 Rangeland Plant Communities (Sp)	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.