BS in Natural Resources, Fisheries Conservation and Management option

General Education Requirements

English Composition

ENGL 101 and ENGL 102 — 3 — 3

OR ENGL 109H — 3

(grade of B or higher is required)

2nd Language

(2nd semester proficiency by credit or exam)

Tier I

TRADS: Traditions and Cultures: Select 2 courses with different letters from the 160A, B, C, or D series — 3 — 3

INDIVS: Individuals and Societies: Select 2 courses with different letters from the 150A, B, C series — 3 — 3

*NATS: Natural Sciences satisfied by the major foundation courses

(Courses in the 170A, B, C series if non-science major)

Tier II

Art or Humanities — 3

*NATS (Natural Sciences) satisfied by the major foundation courses

*INDV satisfied by the major foundation courses

*One general education course must have the non-Western Civilization, Gender, Race, Class, Ethnicity designation

Major Foundation Courses

Calculus: MATH 113, 122A/B, or 125 — 3 or 5

Statistics: MATH 163 or 263 — 3

Technical Writing: 1 course

ENGL 308 OR 313 OR 414, OR AGTM 422,

OR ENVS 415 OR RNR 351 — 3

ECON 200 or 201A (Tier II INDIV) — 3

General Chemistry (Tier I NATS)

CHEM 151, CHEM 152 — 4 — 4

Additional Physical Science: CHEM 241A & 243a,

OR PHYS 102, 181 OR ENVS 200 and 201 — 4

General Biology:

MCB 181R/L: Intro Biol I (Fall; Tier II NATS) — 4

ECOL 182R/L: Intro Biol II (Spring) — 4

Natural Resources Core Courses (18 units)

RNR 200: Conservation of Natural Environments (Fall) — 3

RNR 230R/L: Field Botany (Fall) — 3

RNR 316: Natural Resources Ecology (Fall) — 3

RNR 321: Ecological Surveys and Sampling (Spring) — 3

RNR 384: Natural Resources Management (Spring) — 3

RNR 480: Natural Resources Policy and Law (Spring) — 3

Option Specific Courses (31 units)

Genetics: PLS 312 OR ECOL 320/H — 4

Plants: — 4

RA M 382 Rangeland Plant Communities

ENVS 474 Aquatic Plants

ENVS 475 Algae

WSM 468 Wildland Water Quality — 3

WFSC 441 Limnology — 4

WFSC 455 R and L Fisheries Management — 4

Additional Natural Resources Management: Select 1 — 4

WFSC 444 Wildlife Management

WFSC 456 Aquaculture

ECOL 482 Ichthyology — 4

Additional Organismal Biology: Select 1 — 4

ENTO 405 Aquatic Insects (Spring)

ECOL 483 Herpetology (Spring)

ECOL 484 Ornithology (Spring)

ECOL 485 Mammalogy (Fall)

Technical Electives (18 units):

We strongly encourage students to take RNR 403 or 417 as one of these electives. In addition, students need to take COMM 119 if they want to be certified by the Wildlife Society, but not for the American Fisheries Society.

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Graduation Requirements: >120 units, 42 upper division units, 30 or more units completed at the UA, >2.0 major and cumulative GPA, Mid-career writing assessment fulfilled with a B or higher in English Composition OR with Technical Writing requirement.