Conservation and Restoration Ecology Major Degree Plan

Students should meet regularly with their faculty advisor and carefully plan their academic program, keeping in mind that many upper-division courses have prerequisites and must be taken in sequence. Students following the recommended schedule listed below should be able to complete degree requirements in four years (eight semesters).

A. First Year (28 credits)

Fall Semester (14 credits)

BIOL 1610 Biology I 4
ENGL 1010 (CL1) Introduction to Writing: Academic Prose 3
ENVS 2340 (BSS) Natural Resources and Society (or other approved Breadth Social Sciences course) 3
USU 1300 (BAI) U.S. Institutions (or other approved Breadth American Institutions course) 3
WILD 2000 Introduction to Wildland Resources 1

Spring Semester (14 credits)

BIOL 1620 (BLS) Biology II 4
MATH 1050 (QL) College Algebra 4
USU 1320 (BHU) Civilization: Humanities (or other approved Breadth Humanities course) 3
USU 1330 (BCA) Civilization: Creative Arts (or other approved Breadth Creative Arts course) 3

B. Second Year (30 credits)

Fall Semester (16 credits)

CHEM 1110 (BPS) General Chemistry I (4 cr) **or** **CHEM 1210** Principles of Chemistry I (4 cr) 4
MATH 1100 (QL) Calculus Techniques 3
NR 2220 General Ecology 3
Approved Depth Humanities and Creative Arts (DHA) course 3
Free electives 3

Spring Semester (14 credits)

CHEM 1115 General Chemistry Laboratory (1 cr) **or** **CHEM 1215** Chemical Principles Laboratory I (1 cr) 1
CHEM 1120 (BPS) General Chemistry II (4 cr) **or** **CHEM 1220 (BPS)**[1] Principles of Chemistry II (4 cr) 4
ENGL 2010 (CL2) Intermediate Writing: Research Writing in a Persuasive Mode 3
STAT 2000 (QI) Statistical Methods (3 cr) **or** **STAT 3000 (QI)** Statistics for Scientists (3 cr) 3
Degree program electives or free electives 3

C. Third Year (31 credits)

Fall Semester (16 credits)

PSC 3000 Fundamentals of Soil Science 4
WILD 3600 Wildland Plant Ecology and Identification 4
WILD 3610 Wildland Animal Ecology and Identification 4
Degree program electives 4

Spring Semester (15 credits)

WILD 3800 Wildland Ecosystems 3
WILD 3810 Plant and Animal Populations 3
Degree program electives 9

D. Fourth Year (30 credits)

Fall Semester (15 credits)

APEC 3012 (DSS) Introduction to Natural Resource and Regional Economics 3
ENVS 3010 Fundamentals of Natural Resource and Environmental Policy 3
ENVS 4000 (DSS) Human Dimensions of Natural Resource Management 3
WILD 4750 (CI) Monitoring and Assessment in Natural Resource and Environmental Management 3
WILD 4850 Vegetation and Habitat Management 3

Spring Semester (15 credits)

WILD 4600 Conservation Biology 3
WILD 4700 Ecological Foundations of Restoration 3
WILD 4910 Assessment and Synthesis in Natural Resource Science 3
Degree program electives 6

[1]CHEM 1220 may conflict with other courses taught this semester. This course could be taken during spring semester of the senior year.