NATURAL RESOURCES, ASSOCIATE OF SCIENCE

Southwestern's Natural Resources program provides students with an introduction to the technical and scientific knowledge related to natural resource policy and management. Students can prepare for careers in natural resource planning, management, conservation and education roles with government agencies, non-governmental organizations and in educational settings.

The program guide lists the required courses for the AS degree. The program guide also lists recommended electives appropriate for the field. For more info, view the Southwestern's Forestry/Natural Resources webpage.

Southwestern has a formal articulation agreement with Oregon State University (OSU) aligning this AS Natural Resources degree with OSU's Natural Resources Bachelor of Science degree, Watershed Management option. Students that complete the AS degree with Natural Resources emphasis at Southwestern will satisfy most lower division courses required for the bachelor's in Natural Resources, Watershed Management option.

Following completion of the AS Natural Resources degree, students may transfer to OSU with 90 or more credit hours (up to 124 can be transferred). Southwestern courses in the AS Natural Resources are listed in the articulation agreement. AS Natural Resources graduates transferring to OSU have junior standing with only (a) upper division Synthesis and WIC requirements of the Baccalaureate Core to be completed, and (b) upper division courses associated with the Natural Resources degree program.

GRADUATION REQUIREMENTS

Students must complete a minimum of 96 credit hours with a cumulative Grade Point Average (GPA) of 2.0 or better. All courses must be completed with a grade of 'C' or better. Twenty-four (24) credits must be completed at Southwestern before the degree is awarded.

Courses that are developmental in nature, (designed to prepare students for college transfer courses), are not applicable to this degree.

Complete the graduation application process one term prior to the term of completion (e.g., spring term graduates must apply during winter term).

PROGRAM STUDENT LEARNING OUTCOMES

Upon successful completion of this program, the student will be able to:

- Integrate technical “field” skills with analytical skills to identify important natural resources problems and begin to identify effective solutions for these problems.
- Acquire knowledge regarding a range of natural resources current issues, social and political components of resource management.
- Work with experts in a variety of natural resource fields.
- Apply watershed management principles and practices to actual natural resources issues and problems to develop plans and solutions.

Math and writing placement are unique to each student and are determined during the admissions and intake advising process. Additional math or writing courses may be required prior to taking the math or writing program requirements in this degree. For more information on placement methods used, visit our college placement policy here.

PROGRAM GUIDE

Course	Title	Credits
First Year		
Fall		
F111	Introduction to Forestry [1]	3
BI201	Introductory Biology [6]	4
MTH111	College Algebra	4
WR121	English Composition	4
	Credits	**15**
Winter		
PHL102	Ethics	3
BI202	Introductory Biology [6]	4
MTH112	Trigonometry	4
WR227	Report Writing	4
ANTH231	Native North Americans: PNW [5]	3
	Credits	**18**
Spring		
MTH243	Intro to Probability and Statistics	4
BI203	Introductory Biology [6]	4
NR180	Internship: Natural Resources [4]	1
PE231	Wellness for Life	3
	Credits	**12**
Second Year		
Fall		
G201 or G202 or ENV235	Physical Geology I or Physical Geology II or Introduction to Soil Science	4
GEOG265	Intro to Geographical Info Systems	4
CHEM221	General Chemistry I	5
English Literature [3]		3
	Credits	**16**
Winter		
ECON201	Microeconomics	4
F222A	Elementary Forest Surveying	4
F250	Forest Biology	4
SP111	Fundamentals of Public Speaking	3
GEOG209	Physical Geography Weather/Climate	4
	Credits	**19**
Spring		
F241	Dendrology	5
F251	Recreation Resource Management	4
HST203	History of the United States	3

GS108 or NR260	Oceanography or Watershed Processes	4
	Credits	**16**
	Total Credits	**96**

1 NR201 may be substituted for F111.

2 This requires a corequisite G145 or G025 Field Trip course. Ask your advisor for details.

3 English Literature options: ENG104, ENG105, or ENG106.

4 Call 541-888-7405 to schedule with Internship Coordinator one month prior to term.

5 ANTH232 may be substituted for ANTH231.

6 BI101, BI102, BI103 may be substituted for BI201, BI202, BI203.

* All Honors courses may substitute for their equivalent requirements.