

Natural Resources—Water Quality

Associate in Applied Science Degree

118 Credits

This degree program prepares graduates to work in a variety of outdoor careers. Graduates monitor stream, lake, and wetland systems for water quality and functions of physical, biological, and chemical parameters. They identify plants and animals using taxonomic keys. They assist wetlands delineation and GPS/map their location. Graduates also apply and follow environmental regulations regarding stream and wetland protection.

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Dept./No.	Course Title	Credits
Complete the following courses as soon as possible, or mix into schedule:		
# Cmst& 220	Public Speaking	5
# Engl& 101	English Composition I	5
Engl 128	Research Writing: Science/Engineering/Business	5
FIRST YEAR		
Fall quarter		
Natrs 100	Introduction to Natural Resources	5
Natrs 172	Computer Applications Overview	4
Natrs 183	Tree and Shrub Identification	5
Natrs 197	Wildland Recreation	4
Winter Quarter		
Fores 114	Chainsaw Operation and Maintenance	1
Natrs 161	Wildlife Habitat Management	5
# Natrs 180	Natural Resources Measurements	7
Natrs 270	Stream and Wetland Ecology	5
Spring Quarter		
Natrs 181	Forest Navigation and Mapping	8
Natrs 182	Aerial Photo Interpretation and Remote Sensing	5
Natrs 184	Shrub and Wildflower Identification	5
Natrs 271	Stream and Wetland Restoration	5
P E 113	Group Dynamics Activity (taken concurrently with NATRS 181)	1
SECOND YEAR		
Fall Quarter		
Natrs 272	Fish Identification and Habitat	5
Natrs 285	Forest Protection	5
# Natrs 286	Natural Resources Business Principles	5

Winter Quarter

GIS 291	GIS Project Planning	2
Natrs 284	Road and Trail Engineering	6
Natrs 290	Internship Seminar	1
Natrs 293	Silvicultural Analysis	5

Spring Quarter

Natrs 294	Natural Resources Internship	14
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To enhance the student's preparation for future employment, the following are recommended:

Any Course	Biology, Chemistry, and Geology	(5 ea)
Any Courses	GIS	(3-8)
Avia 123	Aviation Weather	(5)
Bus E 100	Fundamentals of Computers	(5)
Geog 120	Introduction to Physical Geography	(5)
HI Ed 190	Standard First Aid/CPR	(3)
Natrs 121	Introduction to Community Forestry	(4)
Natrs 122	Urban Ecology	(3)
Natrs 123	Landscape Planning and Practices	(3)
Natrs 162	Biology and Conservation of Birds	(3)
Natrs 210	Introduction to Soils	(5)
Natrs 198, 199	Independent Study-Natural Resources 1-2	(1-5)
Natrs 292	Resource Sampling and Appraisal	(8)
Natrs 297-299	Independent Study-Natural Resources 4-6	(1-5)
St Sk 110	College Success Strategies	(5)

Satisfies related instruction requirements.

Notes:

1. Substitutions of required courses may be made with the department's prior approval when it is agreed that the student's suitability for employment will be enhanced.
2. Students may enter the Natural Resources program in any quarter, however many Natural Resources courses are only offered one time each year. Correct sequencing is important!