Natural Resources - Water Quality
Associate in Applied Science Degree
130-132 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.

Students may enter the Natural Resources program in any quarter, however many natural resources classes are only offered one time each year. Correct sequencing is important!

Contacts: Monica Paulson Priebe
mpriebe@greenriver.edu
Rob Sjogren, ext. 4582
rsjogren@greenriver.edu

Dept./No. Course Title Credits
FIRST YEAR
Summer Quarter
# Cmst& 220 Public Speaking 5
# Engl& 101 English Composition 5

Fall Quarter
Engl 128 Research Writing: Science/Engineering/Business 5
Natrs 100 Introduction to Natural Resources 5
Natrs 114 Chainsaw Operation and Maintenance 1
Natrs 205 Wildland Recreation 4

Winter Quarter
Natrs 172 Computer Applications Overview 4
# Natrs 180 Natural Resources Measurement 6
Natrs 270 Stream and Wetland Ecology 5

Spring Quarter
Natrs 161 Wildlife Habitat Management 4
Natrs 182 Aerial Photo, GIS, and Forest Navigation 8
Natrs 184 Shrub and Wildflower Identification 8
P E 113 Group Dynamics Activities 1
(taken concurrently with NATRS 182)

SECOND YEAR
Fall Quarter
Natrs 192 GIS for Natural Resources 5
Natrs 272 Fish Identification and Habitat 5
Natrs 292 Resource Sampling and Appraisal in Forest Conditions 8
Winter Quarter
Natrs 210 Introduction to Soils 5
Natrs 284 Road and Trail Engineering 7
Natrs 290 Internship Seminar 1
Natrs 293 Silvicultural Analysis and Forest Protection 4

Spring Quarter
Geo& 101 and Introduction to Physical Geology and (5)
Soc& 101 or Introduction to Sociology or (5)
Natrs 271 Backcountry Watershed Assessment (12) 10-12
Natrs 297 Stream and Wetland Restoration 5
# Natrs 286 Natural Resources Business Principles 5

Capstone
* Natrs 277-280 Natural Resources Internship 1-4 14

To enhance the student's preparation for future employment, the following are recommended:
Any Course Biology, Chemistry, and Geology (5 ea)
Avia 123 Aviation Weather (5)
Geog 120 Introduction to Physical Geography (5)
Hl Ed 190 Standard First Aid/CPR (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 297-299 Independent Study-Natural Resources 4-6 (1-5)
St Sk 110 College Success Strategies (5)

# Satisfies related instruction requirements.

* Complete Natrs 277-280 in summer quarter.

Note: 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.

Green River College does not discriminate on the basis of race, creed, color, national origin, sex, sexual orientation, age, marital status, religion, disability, genetic information or on any other unlawful basis. The college is committed to preventing and stopping discrimination, including harassment of any kind and any associated retaliatory behavior.

The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President of Human Resources, 12401 SE 320th Street, Auburn, WA 98092-3622, (253) 288-3320. To receive this information in an alternate format, please contact Disability Support Services at (253) 833-9111, ext. 2631; TTY (253) 288-3359.

The above program of study was current at the time of printing. The program may have been updated or changed to remain industry current. For program updates, please go to our web site at greenriver.edu or contact the faculty adviser listed.