Natural Resources
Forestry
Associate in Applied Science Degree
112 Credits

This degree program prepares graduates to work in a variety of outdoor careers. The growing awareness of water quality, wetland protection, reforestation, and environmentally sensitive timber harvest requires the services of technicians with a broad knowledge base. People who are trained to measure and sample the forest, its wildlife, streams and wetlands will enhance their employment opportunities. Wildlife biologists and professional foresters need technicians to efficiently produce accurate data. Park managers need knowledgeable personnel to perform maintenance duties and interpret wildland ecology for the public. Wildland firefighters are needed with current certificates of knowledge and skills.

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! For best results, students should enter these career-technical programs at the beginning of summer or fall quarter.

Natural Resources with emphasis in Forestry and specialties in Natural Resources-Geographic Information System Option, Park Management, Water Quality and Wildland Fire.

All courses apply to the Associate in Arts degree as elective courses and may be transferable to a four year natural resources program.

Completion of high school algebra and trigonometry courses or equivalent is recommended before beginning this program.

Students can also earn an Associate in Pre-Professional degree in natural resources.

<table>
<thead>
<tr>
<th>Contacts: Monica Paulson Priebe</th>
<th>Rob Sjogren, ext. 4582</th>
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<tbody>
<tr>
<td><a href="mailto:mpriebe@greenriver.edu">mpriebe@greenriver.edu</a></td>
<td><a href="mailto:rsjogren@greenriver.edu">rsjogren@greenriver.edu</a></td>
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<tr>
<th>Dept./No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>FIRST YEAR</strong></td>
<td></td>
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<tr>
<td><strong>Summer Quarter</strong></td>
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<tr>
<td># Cmst&amp; 220</td>
<td>Public Speaking</td>
<td>5</td>
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<tr>
<td># Engl&amp; 101</td>
<td>English Composition</td>
<td>5</td>
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<tr>
<td><strong>Fall Quarter</strong></td>
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<tr>
<td>Engl 128</td>
<td>Research Writing: Science/Engineering/Business</td>
<td>5</td>
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<tr>
<td>Natrs 100</td>
<td>Introduction to Natural Resources</td>
<td>5</td>
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<tr>
<td>Natrs 172</td>
<td>Computer Applications Overview</td>
<td>4</td>
</tr>
<tr>
<td>Natrs 183</td>
<td>Tree and Shrub Identification</td>
<td>5</td>
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<tr>
<td><strong>Winter Quarter</strong></td>
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<tr>
<td>Natrs 114</td>
<td>Chainsaw Operation and Maintenance</td>
<td>1</td>
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<tr>
<td>Natrs 161</td>
<td>Wildlife Habitat Management</td>
<td>4</td>
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<tr>
<td># Natrs 180</td>
<td>Natural Resources Measurement</td>
<td>5</td>
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<tr>
<td>Natrs 270</td>
<td>Stream and Wetland Ecology</td>
<td>5</td>
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### Spring Quarter
- Natrs 182  Aerial Photo GIS, and Forest Navigation 8
- Natrs 184  Shrub and Wildflower Identification 3
- P E 113  Group Dynamics Activities 1
  (taken concurrently with Natrs 182)

### Summer Quarter: Work Experience

#### SECOND YEAR

### Fall Quarter
- GIS 192  GIS for Natural Resources 5
- Natrs 205  Wildland Recreation 4
- Natrs 292  Resource Sampling and Appraisal of Forest Conditions 8

### Winter Quarter
- Natrs 210  Introduction to Soils 5
- Natrs 284  Road and Trail Engineering 6
- Natrs 290  Internship Seminar 1
- Natrs 293  Silvicultural Analysis and Forest Protection 4

### Spring Quarter
- # Natrs 286  Natural Resources Business Principles 5
- Natrs 186  Invasive Species Management and Control 4

### Capstone
- * Natrs 294.1, 294.2, 294.3, and 294.4  Natural Resources Internship 1-4 14

To enhance the student's preparation for future employment, the following are recommended:

- Avia 123  Aviation Weather (5)
- Engr 106  Introduction to Engineering Problems (3)
- GIS  Any GIS class (2-5)
- Hl Ed 190  Standard First Aid/CPR (3)
- Natrs 130  Wildland Firefighter Training (4)
- Natrs 134  Intermediate Wildland Fire Behavior (3)
- Natrs 162  Biology and Conservation of Birds (3)
- 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

**Note:** 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!

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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.