Natural Resources
Associate in Applied Science Degree
120 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 these professional/technical programs at the beginning of any quarter: Natural Resources with emphasis in forestry technology, and specialties in Natural Resources-GIS, Park Management, Water Quality, and Wildland Fire.

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.

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rsjogren@greenriver.edu

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<thead>
<tr>
<th>Dept./No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td></td>
<td>Complete the following courses as soon as possible, or mix into schedule:</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 I</td>
<td>5</td>
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<tr>
<td>Engl 128</td>
<td>Research Writing: Science/Engineering/Business</td>
<td>5</td>
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**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**

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  Air Photo Interpretation and Remote Sensing  5
Natrs 184  Shrub and Wildflower Identification  5
P E 113  Group Dynamics Activities  1
(taken concurrently with Natrs 181)

SECOND YEAR

Fall Quarter
Natrs 285  Forest Protection  5
# Natrs 286  Natural Resources Business Principles  5
Natrs 292  Resource Sampling and Appraisal  8

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
Natrs 210  Introduction to Soils  5

Spring Quarter
Natrs 294  Natural Resources Internship  14

To enhance the student's preparation for future employment, the following are recommended:
Avia 123  Aviation Weather  (5)
Bus E 100  Fundamentals of Computers  (5)
Fores 114  Chainsaw Operation and Maintenance  (1)
Engr 106  Introduction to Engineering Problems  (3)
GIS  Any GIS class  (2-5)
Hl 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 130  Wildland Firefighter Training  (40)
Natrs 134  Intermediate Wildland Fire Behavior  (3)
Natrs 162  Biology and Conservation of Birds  (30)
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!