

# Renewable Resources

College of Rural and Community Development  
 Rural and Economic Development Division  
 Fairbanks Campus (907) 474-6433  
 Bristol Bay Campus (800) 478-5109 or (907) 842-5109  
 Chukchi Campus (907) 442-3400  
 Interior-Aleutians Campus (907) 474-6433  
 Kuskokwim Campus (907) 543-4582  
 Northwest Campus (907) 443-2201  
[www.uaf.edu/rural/](http://www.uaf.edu/rural/)

## A.A.S. Degree

Minimum Requirements for Degree: 60 Credits

The renewable resources degree program is offered by the College of Rural and Community Development on the Fairbanks campus and through rural campuses. Students interested in the degree should first contact a faculty advisor at the Bristol Bay Campus (toll free number above) to discuss program content, requirements and expectations. This two-year A.A.S. degree program helps students gain employment with state, federal or tribal resource management agencies, Alaska Native Claims Settlement Act (ANCSA) corporations or other entities. For those already employed in this field, this program provides an opportunity to improve job skills.

### Major—A.A.S. Degree

1. Complete the general university requirements (page 83).
2. Complete the A.A.S. degree requirements (page 87. As part of the A.A.S. degree requirements, complete MATH 103X or MATH 107X, CHEM 103X or CHEM 105X.)
3. Complete the following program (major) requirements:\*
  - a. Complete the following:
 

|   |   |
|---|---|
| ECON 235—Introduction to Natural Resource Economics ..... | 3 |
| NRM 101—Natural Resources Conservation and Policy .....   | 3 |
| NRM 204—Public Lands Law and Policy .....                 | 3 |
| RD 255—Rural Alaska Land Issues.....                      | 3 |
| RD 280—Resource Management Research Techniques .....      | 3 |
  - b. Complete one course from each of the following groups:
 

**Group 1**

|   |   |
|---|---|
| BIOL 104—Natural History of Alaska.....   | 3 |
| BIOL 104X—Natural History of Alaska ..... | 4 |
| BIOL 105X—Fundamentals of Biology I.....  | 4 |

**Group 2**

|  |   |
|--|---|
| GEOG 205—Elements of Physical Geography .....  | 3 |
| GEOG 205X—Elements of Physical Geography ..... | 4 |
| GEOS 100X—Introduction to Earth Science .....  | 4 |
| NRM 380W—Soils and the Environment .....       | 3 |

**Group 3**

|   |     |
|---|-----|
| NRM 102—Practicum in Natural Resources Management ..... | 1-2 |
| WLF 304—Wildlife Internships.....                       | 1-3 |
  - c. Complete the following:
 

|  |     |
|--|-----|
| CIOS 100—Introduction to Personal Computers (1)      |     |
| and CIOS 111—Computer Software for Beginners (2)     |     |
| or CIOS 150—Computer Business Applications (3) ..... | 3   |
| FISH 101—Introduction to Fisheries (3)               |     |
| and WLF 101—Survey of Wildlife Science (1)           |     |
| or ABUS 223—Real Estate Law (3)                      |     |
| and RD 256—Co-Management of Renewable Resources (3)  |     |
| or BIOL 271—Principles of Ecology (4)                |     |
| and WLF 201—Wildlife Management Principles (3) ..... | 4-7 |

- d. Complete 9-14 credits from the following courses:
 

|  |      |
|--|------|
| ANS 310—The Alaska Native Lands Settlement.....                        | 3    |
| ANTH 242—Native Cultures of Alaska .....                               | 3    |
| BIOL 106X—Fundamentals of Biology II .....                             | 4    |
| BIOL 150—Introduction to Marine Biology .....                          | 3    |
| BIOL 239—Introduction to Plant Biology.....                            | 4    |
| BIOL 271—Principles of Ecology.....                                    | 4    |
| CE 112—Elementary Surveying.....                                       | 3    |
| EMS 152—Emergency Trauma Training First Responder.....                 | 3    |
| ENGL 314W,O/2—Technical Writing .....                                  | 3    |
| FISH 101—Introduction to Fisheries.....                                | 3    |
| MIN 101—Minerals, Man and the Environment .....                        | 3    |
| NRM 251—Silvics and Dendrology .....                                   | 4    |
| NRM 304O—Perspectives in Natural Resources Management.....             | 3    |
| NRM 340—Natural Resources Measurement and Inventory .....              | 3    |
| RD 265—Perspectives on Subsistence in Alaska.....                      | 3    |
| RD 492—Rural Development Leadership Seminar .....                      | 3    |
| STAT 200X—Elementary Probability and Statistics .....                  | 3    |
| WLF 101—Survey of Wildlife Science .....                               | 1    |
| WLF 201—Wildlife Management Principles .....                           | 3    |
| WLF 303W—Wildlife Management Techniques.....                           | 3    |
| Or other advisor approved renewable resource related<br>electives..... | 9-14 |
4. Minimum credits required .....

\* Student must earn a C grade or better in each course.

Note: Prerequisites required for many courses.