

# RENEWABLE RESOURCES

College of Rural and Community Development  
 Rural and Economic Development Division  
 Fairbanks Campus 907-474-6528  
 Bristol Bay Campus 800-478-5109 or 907-842-5109  
 Chukchi Campus 907-442-3400  
 Interior-Aleutians Campus 907-474-5439  
 Kuskokwim Campus 907-543-4500  
 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 93).
2. Complete the A.A.S. degree requirements. (See page 97. As part of the A.A.S. degree requirements, complete MATH F103X or MATH F107X, CHEM F103X or CHEM F105X.)
3. Complete the following program (major) requirements:\*
  - a. Complete the following:
    - ECON F235—Introduction to Natural Resource Economics.....3
    - NRM F101—Natural Resources Conservation and Policy .....3
    - NRM F204—Public Lands Law and Policy .....3
    - RD F255—Rural Alaska Land Issues.....3
    - RD F280—Resource Management Research Techniques.....3
  - b. Complete one course from each of the following groups:
    - Group 1**
      - BIOL F104—Natural History of Alaska.....3
      - BIOL F104X—Natural History of Alaska .....4
      - BIOL F115X—Fundamentals of Biology I.....4
    - Group 2**
      - GEOG F111—Elements of Physical Geography.....3
      - GEOG F111X—Earth and Environment: Elements of Physical Geography .....4
      - GEOS F100X—Introduction to Earth Science .....4
      - NRM F380W—Soils and the Environment .....3
    - Group 3**
      - NRM F102—Practicum in Natural Resources Management .....1 – 2
      - WLF F304—Wildlife Internships.....1 – 3

- c. Complete the following:
  - CIOS F100—Introduction to Personal Computers (1) and CIOS F111—Computer Software for Beginners (2) or CIOS F150—Computer Business Applications (3).....3
  - FISH F101—Introduction to Fisheries (3) and WLF F101—Survey of Wildlife Science (1) or ABUS F223—Real Estate Law (3) and RD F256—Co-Management of Renewable Resources (3) or BIOL F271—Principles of Ecology (4) and WLF F201—Wildlife Management Principles (3)....4 – 7
- d. Complete 9 – 14 credits from the following courses:
  - ANS F310—The Alaska Native Lands Settlement.....3
  - ANTH F242—Native Cultures of Alaska.....3
  - BIOL F116X—Fundamentals of Biology II.....4
  - BIOL F150—Introduction to Marine Biology.....3
  - BIOL F239—Introduction to Plant Biology.....4
  - BIOL F271—Principles of Ecology.....4
  - CE F112—Elementary Surveying.....3
  - EMS F152—Emergency Trauma Training First Responder.....3
  - ENGL F314W,O/2—Technical Writing .....3
  - FISH F101—Introduction to Fisheries .....3
  - MIN F101—Minerals, Man and the Environment .....3
  - NRM F251—Silvics and Dendrology.....4
  - NRM F304O—Perspectives in Natural Resources Management .....3
  - NRM F340—Natural Resources Measurement and Inventory .....3
  - RD F265—Perspectives on Subsistence in Alaska.....3
  - RD F492—Rural Development Leadership Seminar .....3
  - STAT F200X—Elementary Probability and Statistics .....3
  - WLF F101—Survey of Wildlife Science .....1
  - WLF F222—Wildlife Management Principles.....3
  - WLF F303W—Wildlife Management Techniques.....3
  - Or other advisor approved renewable resource related electives.....9 – 14

4. Minimum credits required .....60

\* Students must earn a C grade (2.0) or better in each course.

Note: Prerequisites required for many courses.



All degrees (e.g. Certificate, A.A., A.A.S., A.S., etc) require additional courses. Refer to specific degree and program requirements.

## Certificate Requirements

### COMMUNICATION (2-3)

Complete one of the following:

ENGL F111X.....	(3)	_____
ABUS F170.....	(3)	_____
ABUS F271.....	(3)	_____
ENGL F211X.....	(3)	_____
ENGL F212.....	(3)	_____
ENGL F213X.....	(3)	_____
COMM F131X.....	(3)	_____
COMM F141X.....	(3)	_____
DEVS F104.....	(1 – 3)	_____
DEVS F105.....	(3)	_____

*Other program-approved discipline-based communication course or discipline-based courses with embedded communication content. (2 – 3)*

\* ENGL F212 does not fulfill the second half of the written communication requirement for the bachelor's degree.

### COMPUTATION (2-3)

Complete one of the following:

Any course at the F100-level or above in mathematical sciences (computer science, math or statistics).....	(3)	_____
ABUS F155.....	(3)	_____
DEVM F105.....	(3)	_____
ECE F117.....	(3)	_____
HLTH F116.....	(3)	_____
HUMS F117.....	(3)	_____
PRT F155.....	(3)	_____
TTCH F131.....	(3)	_____

*Other program-approved discipline-based computation course or discipline-based courses with embedded computation content. (2 – 3)*

### HUMAN RELATIONS (2-3)

Complete one of the following:

ANTH F100X/SOC F100X.....	(3)	_____
ABUS F154.....	(3)	_____
ANL F287.....	(3)	_____
ECE F245.....	(3)	_____
ED/PSY F245.....	(3)	_____
HLTH F106.....	(3)	_____
HUMS F120.....	(3)	_____
RHS F110.....	(1)	_____
AND RHS F115.....	(2)	_____

*Other program-approved discipline-based human relations course or discipline-based courses with embedded human relations content. (2 – 3)*

**MAJOR SPECIALTY CREDITS (minimum)..... 21**

**Minimum credits for required certificate..... 30**

## Associate of Applied Science Requirements

### COMMUNICATION (9)

ENGL F111X.....	(3)	_____
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Complete one of the following:

ABUS F271.....	(3)	_____
ENGL F211X.....	(3)	_____
ENGL F212.....	(3)	_____
ENGL F213X.....	(3)	_____

\* ENGL F212 does not fulfill the second half of the written communication requirement for the bachelor's degree.

Complete one of the following:

COMM F131X.....	(3)	_____
COMM F141X.....	(3)	_____

### COMPUTATION (3)

Complete one of the following:

Any course at the F100-level or above in mathematical sciences (computer science, math or statistics).....	(3)	_____
ABUS F155.....	(3)	_____
DEVM F105.....	(3)	_____
ECE F117.....	(3)	_____
HLTH F116.....	(3)	_____
HUMS F117.....	(3)	_____
PRT F155.....	(3)	_____
TTCH F131.....	(3)	_____

*Other program-approved discipline-based computation course or discipline-based courses with embedded computation content. (3)*

### HUMAN RELATIONS (2-3)

Complete one of the following:

ANTH F100X/SOC F100X.....	(3)	_____
ABUS F154.....	(3)	_____
ANL F287.....	(3)	_____
ECE F245.....	(3)	_____
ED/PSY F245.....	(3)	_____
HLTH F106.....	(3)	_____
HUMS F120.....	(3)	_____
RHS F110.....	(1)	_____
AND RHS F115.....	(2)	_____

*Other program-approved discipline-based human relations course or discipline-based courses with embedded human relations content. (3)*

**MAJOR SPECIALTY CREDITS (minimum)..... 30**

**Minimum credits required for degree..... 60**



**UNIVERSITY OF ALASKA FAIRBANKS**

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