

RENEWABLE RESOURCES

College of Rural and Community Development
 Rural and Economic Development Division
 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/

AAS 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 AAS 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 — AAS Degree

1. Complete the general university requirements (page 95).
2. Complete the AAS degree requirements. (See page 99. As part of the AAS 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 F322W— Principles and Techniques of Wildlife Management (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 F322W— Principles and Techniques of Wildlife Management.....	3
Or other advisor-approved renewable resource related electives	9 – 14
4. Minimum credits required60

* Students must earn a C- grade or better in each course.
 Note: Prerequisites required for many courses.



Certificate Requirements

Communication 2 – 3 Credits

Complete one of the following:

- ENGL F111X—Introduction to Academic Writing.....(3)
- ABUS F170—Business English.....(3)
- ABUS F271—Business Communications(3)
- ENGL F211X—Academic Writing about Literature.....(3)
- ENGL F212—Business, Grant and Report Writing*(3)
- ENGL F213X—Academic Writing about the Social and Natural Sciences(3)
- COMM F131X—Fundamentals of Oral Communication: Group Context(3)
- COMM F141X—Fundamentals of Oral Communication: Public Context.....(3) or successful completion of competency test
- DEVS F104—University Communications..... (1 – 3)
- DEVS F105—Intensive Reading Development(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 Credits

Complete one of the following:

- Any course at the F100-level or above in mathematical sciences (computer science, math or statistics).(3)
- ABUS F155—Business Math.....(3)
- DEVM F105—Intermediate Algebra(3)
- ECE F117—Math Skills for Early Childhood Educators.....(3)
- HLTH F116—Mathematics in Health Care.....(3)
- HUMS F117—Math Skills for Human Services.....(3)
- TTCH F131—Mathematics for the Trades(3)
- Other program-approved discipline-based computation course or discipline-based courses with embedded computation content. (2 – 3)

Human Relations 2 – 3 Credits

Complete one of the following:

- ANTH F100X/SOC F100X—Individual, Society and Culture(s)(3)
- ABUS F154—Human Relations(3)
- ANL F287—Teaching Methods for Alaska Native Languages (h).....(3)
- ECE F104—Child Development: Prenatal, Infants and Toddlers (s)(3)
- ECE F107—Child Development II: Preschool and Primary Years (s)(3)
- ED/PSY F245—Child Development (s)(3)
- HLTH F106—Human Behavior in Health Care (s).....(3)
- HUMS F120—Cultural Diversity in Human Services.....(3)
- RHS F110—Cross-Cultural Bridging Skills (1) AND RHS F115—Issues of Personal Development(2)
- Other program-approved discipline-based human relations or discipline-based courses with embedded human relations content. (2 – 3)

Major specialty at least 21 Credits

Electives to total 30 Credits

Associate of Applied Science Requirements

Written Communication 6 Credits

- ENGL F111X—Introduction to Academic Writing.....(3)

Complete one of the following:

- ABUS F271—Business Communications(3)
- ENGL F211X—Academic Writing about Literature.....(3)
- ENGL F212—Business, Grant and Report Writing*(3)
- ENGL F213X—Academic Writing about the Social and Natural Sciences(3)

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

Oral Communication 3 Credits

Complete one of the following:

- COMM F131X—Fundamentals of Oral Communication: Group Context(3)
- COMM F141X—Fundamentals of Oral Communication: Public Context.....(3) or successful completion of competency test

Computation 3 Credits

Complete one of the following:

- Any course at the F100-level or above in mathematical sciences (computer science, math or statistics).(3)
- ABUS F155—Business Math.....(3)
- DEVM F105—Intermediate Algebra(3)
- ECE F117—Math Skills for Early Childhood Educators.....(3)
- HLTH F116—Mathematics in Health Care(3)
- HUMS F117—Math Skills for Human Services(3)
- TTCH F131—Mathematics for the Trades(3)
- Other program-approved discipline-based computation course or discipline-based courses with embedded computation content. (3)

Human Relations 3 Credits

Complete one of the following:

- ANTH F100X/SOC F100X—Individual, Society and Culture (s)(3)
- ABUS F154—Human Relations(3)
- ANL F287—Teaching Methods for Alaska Native Languages (h).....(3)
- ECE F104—Child Development: Prenatal, Infants and Toddlers (s)(3)
- ECE F107—Child Development II: Preschool and Primary Years (s)(3)
- ED/PSY F245—Childhood Development (s)(3)
- HLTH F106—Human Behavior in Health Care (s)(3)
- HUMS F120—Cultural Diversity in Human Services.....(3)
- RHS F110—Cross-Cultural Bridging Skills (1) AND RHS F115—Issues of Personal Development(2)
- Other program-approved discipline-based human relations course or discipline-based courses with embedded human relations content. (3)

Major specialty at least 30 Credits

Electives to total 60 Credits

Minimum credits required for degree 60 Credits