

# ECONOMICS, RESOURCE AND APPLIED

School of Management  
Department of Economics  
907-474-7461  
[www.uaf.edu/som/programs/msecon/](http://www.uaf.edu/som/programs/msecon/)

## M.S. Degree

Minimum Requirements for Degree: 30 – 33 credits

Economics is the study of social activities concerned with the production, distribution and consumption of goods and services. In today's complex world, nearly all social phenomena and problems have economic aspects. Organized knowledge of the functioning of our economy and its relations with other economic systems is therefore essential to an understanding of the world in which we live.

The economics department offers study leading to the M.S. degree in resource and applied economics. The resource economics program offers a specialization in the economics of natural resources with emphasis in a variety of specific fields possible through interdisciplinary elective courses and thesis research. These might include fisheries, wildlife management, land resources management, agriculture, oil and minerals, water resources or forest management.

The program consists of core course work in micro- and macro-economic theory, mathematical economics, economic methods and courses in the economic theory and public policy of natural resources. Master's candidates may select a thesis or non-thesis option. Thesis topics, consistent with students' interest and project requirements, may be selected from current research projects of the department or from one of the several research institutes on campus. Most research projects deal with issues pertinent to the development and management of Alaska's renewable and nonrenewable resources.

## Graduate Program — M.S. Degree

1. Complete the general university requirements (page 198).
2. Complete the master's degree requirements (page 202).
3. Students may be accepted into the program subject to identified deficiencies being rectified. Unconditional acceptance into the program requires completion of intermediate microeconomics and macroeconomics, basic statistics and one semester of calculus.

4. Complete the following:  
ECON F601—Microeconomic Theory I.....3  
ECON F603—Macroeconomic Theory .....3  
ECON F623—Mathematical Economics .....3  
ECON F626—Econometrics .....3  
ECON F635—Renewable Resource Economics .....3  
ECON F636—Non-Renewable Resource Economics.....3

5. Complete the thesis or non-thesis requirements:

### Thesis\*

- a. Complete the following:  
ECON F699—Thesis .....6  
Electives .....6
- b. Minimum credits required .....30

### Non-Thesis\*

- a. Complete the following:  
ECON F698—Project .....3  
Electives at the F600-level .....6  
Electives .....6
- b. Minimum credits required .....33

\* Complete at least 25 credits at the F600-level.