## ECONOMICS (ECON)

### College of Business and Security Management
Business Administration Program (https://www.uaf.edu/cbsm/programs/business-administration/)
907-474-7461

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Offered</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON F101X</td>
<td>Principles of Microeconomics (s)</td>
<td>3</td>
<td>Fall, Spring, Summer</td>
<td></td>
</tr>
<tr>
<td>ECON F102X</td>
<td>Principles of Macroeconomics (s)</td>
<td>3</td>
<td>Fall, Spring, Summer</td>
<td></td>
</tr>
<tr>
<td>ECON F111X</td>
<td>The Economy of Rural Alaska (an)</td>
<td>3</td>
<td>Fall and Spring</td>
<td>Placement in WRTG F111X.</td>
</tr>
<tr>
<td>ECON F120X</td>
<td>Introduction to Economic Analysis (s)</td>
<td>3</td>
<td>As Demand Warrants</td>
<td></td>
</tr>
<tr>
<td>ECON F227</td>
<td>Introductory Statistics for Economics and Business</td>
<td>3</td>
<td>Fall, Spring, Summer</td>
<td></td>
</tr>
<tr>
<td>ECON F235X</td>
<td>Introduction to Natural Resource Economics (s)</td>
<td>3</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>ECON F321</td>
<td>Intermediate Microeconomics (s)</td>
<td>3</td>
<td>Fall and Spring</td>
<td>Placement in WRTG F111X.</td>
</tr>
<tr>
<td>ECON F322</td>
<td>Managerial Economics</td>
<td>3</td>
<td>As Demand Warrants</td>
<td></td>
</tr>
<tr>
<td>ECON F324</td>
<td>Intermediate Macroeconomics (s)</td>
<td>3</td>
<td>As Demand Warrants</td>
<td></td>
</tr>
</tbody>
</table>

### Attributes:
- UAF GER Social Sciences Req
- Lecture + Lab + Other: 3 + 0 + 0
- Grading System: Letter Grades with option of Plus/Minus
ECON F327  Intermediate Econometrics for Forecasting and Business  
3 Credits  
Offered As Demand Warrants  
Extension of topics discussed in ECON F227. Understanding the fundamental theory underlying regression methods and learning how to appropriately apply these techniques in the analysis of economic and business problems. Simple and multiple regression and correlation, analysis of variance, forecasting techniques, quality control, nonparametric methods and decision theory.  
Prerequisites: STAT F200X or ECON F227.  
Lecture + Lab + Other: 3 + 0 + 0  
Grading System: Letter Grades with option of Plus/Minus

ECON F335  Intermediate Natural Resource Economics  (s)  
3 Credits  
Offered Spring  
Topics include welfare economics and economic efficiency concepts, benefit/cost analysis, resource allocation over time, resource taxation, common property problems, externalities, public goods, valuation of nonmarket resources and land use planning issues.  
Prerequisites: COM F121X, COM F131X or COM F141X; ECON F101X; ECON F102X or ECON F235X; MATH F122X, MATH F230X or equivalent.  
Lecture + Lab + Other: 3 + 0 + 0  
Grading System: Letter Grades with option of Plus/Minus

ECON F350  Money and Banking  (s)  
3 Credits  
Offered As Demand Warrants  
The liquid wealth system in the United States, including the commercial banking system, the Federal Reserve System and nonbank financial institutions; the regulation of money and credit and its impact on macroeconomic policy objectives.  
Prerequisites: ECON F101X; ECON F102X.  
Lecture + Lab + Other: 3 + 0 + 0  
Grading System: Letter Grades with option of Plus/Minus

ECON F351  Public Finance  (s)  
3 Credits  
Offered As Demand Warrants  
Economic justifications for government; federal, state and local government, taxation, spending and debt; their effects on allocation, distribution, stabilization and growth.  
Prerequisites: ECON F101X; ECON F102X; MATH F122X or equivalent.  
Lecture + Lab + Other: 3 + 0 + 0  
Grading System: Letter Grades with option of Plus/Minus

ECON F409  Industrial Organization and Public Policy  (s)  
3 Credits  
Offered As Demand Warrants  
The relationship of market structure to the economic conduct and performance of firms and industries, the determinants, measurement and classification of market structure, public policy toward mergers, industrial and aggregate concentration.  
Prerequisites: ECON F101X; ECON F102X; MATH F111X; WRTG F211X; WRTG F212X; WRTG F213X or WRTG F214X; MATH F122X; MATH F230X or equivalent; upper division standing.  
Lecture + Lab + Other: 3 + 0 + 0  
Grading System: Letter Grades with option of Plus/Minus

ECON F420  Labor Markets and Public Policy  (s)  
3 Credits  
Offered As Demand Warrants  
Application of labor market analysis and wage theory as they relate to public policy issues. Topics include determination of wages, taxation and employment, economic impact of unions, economics of discrimination, and issues relating to women's and minorities' changing roles in the labor market.  
Prerequisites: ECON F101X; ECON F102X; WRTG F111X; WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X.  
Lecture + Lab + Other: 3 + 0 + 0  
Grading System: Letter Grades with option of Plus/Minus

ECON F434  Environmental Economics  
3 Credits  
Offered As Demand Warrants  
An extension of concepts introduced in ECON F235X, using a higher level of economic analysis. An analysis of the economic forces involved in environmental degradation, preservation and regulation. Topics include pollution, biodiversity, wilderness and climatic change.  
Prerequisites: ECON F101X and ECON F102X or ECON F235X; MATH F122X; WRTG F111X; WRTG F211X; WRTG F212X, WRTG F213X or WRTG F214X.  
Lecture + Lab + Other: 3 + 0 + 0  
Grading System: Letter Grades with option of Plus/Minus

ECON F439  Energy Economics  (s)  
3 Credits  
Offered As Demand Warrants  
Market forces and institutions affecting the allocation of energy resources. Special attention to intertemporal allocative decisions and the role that public policy plays in influencing the rate at which energy resources are used over time.  
Prerequisites: ECON F101X and ECON F102X or ECON F235X; WRTG F111X; WRTG F211X; WRTG F212X, WRTG F213X or WRTG F214X.  
Stacked with ECON F639.  
Lecture + Lab + Other: 3 + 0 + 0  
Grading System: Letter Grades with option of Plus/Minus

ECON F451  Public Expenditure Analysis  
3 Credits  
Offered As Demand Warrants  
Purposes and economic effects of governmental expenditures, budgeting techniques, and their effects on resource allocation.  
Prerequisites: ECON F101X; ECON F102X; MATH F122X; WRTG F111X; WRTG F211X; WRTG F212X, WRTG F213X or WRTG F214X.  
Lecture + Lab + Other: 3 + 0 + 0  
Grading System: Letter Grades with option of Plus/Minus

ECON F463  International Economics  (s)  
3 Credits  
Offered As Demand Warrants  
Prerequisites: ECON F101X; ECON F102X; WRTG F111X; WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X; MATH F122X, MATH F230X or equivalent.  
Lecture + Lab + Other: 3 + 0 + 0  
Grading System: Letter Grades with option of Plus/Minus
ECON F613  Resilience Internship
2 Credits
Offered As Demand Warrants
Students of the Resilience and Adaptation Program participate in internships to broaden their interdisciplinary training, develop new research tools and build expertise outside their home disciplines. Internships are for eight to ten weeks of full time commitment and take place during the student’s first summer in the program. In autumn students meet to discuss their internship experiences and make public presentations.
Prerequisites: ANTH F667, BIOL F667, ECON F667 or NRM F667; ANTH F668, BIOL F668, ECON F668 or NRM F668.
Cross-listed with ANTH F617; BIOL F613; NRM F613.
Lecture + Lab + Other: 2 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

ECON F616  Economics Background for Resilience and Adaptation
1 Credit
Offered As Demand Warrants
Provides the economics background that is necessary for understanding the role of economics in complex systems involving interactions among biological, economic, and social processes. Designed for incoming students of the Resilience and Adaptation Program (RAP), who have not received training in ecology.
Prerequisites: Graduate student enrollment.
Lecture + Lab + Other: 1 + 0 + 0
Grading System: Pass/Fail Grades

ECON F637  Evolution of Conservation Concepts and Policy
3 Credits
Offered As Demand Warrants
Resource policy issues development and implementation including forestry, mining, fisheries, oil, wildlife and other topics as demand warrants. Focus on policy issues involved in management of Alaska’s resources.
Prerequisites: Graduate standing.
Cross-listed with NRM F637.
Lecture + Lab + Other: 3 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

ECON F639  Energy Economics
3 Credits
Offered As Demand Warrants
Market forces and institutions affecting the allocation of energy resources. Special attention to intertemporal allocative decisions and the role that public policy plays in influencing the rate at which energy resources are used over time.
Prerequisites: ECON F101X and ECON F102X or ECON F235X; graduate standing.
Stacked with ECON F439.
Lecture + Lab + Other: 3 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

ECON F647  Sustainability in the Changing North
3 Credits
Offered Fall
Explores the basic principles of sustainability of environmental and social systems. Principles are applied across a range of scales from local communities to the globe, with an emphasis on examples in Alaska and the Arctic. Specific attention to the theory and practice of boundary spanning and knowledge coproduction.
Prerequisites: Graduate standing.
Cross-listed with ANTH F647; BIOL F647; NRM F647.
Lecture + Lab + Other: 3 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

ECON F649  Integrated Assessment and Adaptive Management
3 Credits
Offered As Demand Warrants
An interdisciplinary exploration of the theoretical and practical considerations of integrated assessment and adaptive management. Students survey concepts important in understanding societal and professional-level decision-making. Students work as individuals and as a team to undertake case studies with relevance to integrated assessment and adaptive management.
Prerequisites: Graduate student standing in a natural science, social science or interdisciplinary program at UAF or another university.
Recommended: ANTH F647, BIOL F647, ECON F647 or NRM F647; ANTH F667, BIOL F667, ECON F667, NRM F667.
Cross-listed with ANTH F649; BIOL F649; NRM F649.
Special Notes: In case of enrollment limit, priority will be given to graduate students in the Resilience and Adaptation Program in order for them to be able to meet their core requirements.
Lecture + Lab + Other: 3 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

ECON F667  Resilience Seminar I
1 Credit
Offered As Demand Warrants
Provides a forum for new students of the Resilience and Adaptation graduate program to explore issues of interdisciplinary research that are relevant to sustainability. A considerable portion of the seminar is student-directed, with students assuming leadership in planning seminar activities with the instructor.
Prerequisites: Enrolled in Resilience and Adaptation Graduate Program.
Recommended: ANTH F647, BIOL F647, ECON F647 or NRM F647 (taken concurrently).
Cross-listed with ANTH F667; BIOL F667; NRM F667.
Lecture + Lab + Other: 2 + 0 + 0
Grading System: Pass/Fail Grades

ECON F668  Interdisciplinary Research Methods-Resilience Seminar II
1 Credit
Offered As Demand Warrants
Provides a forum for new students of the Resilience and Adaptation graduate program to explore issues of interdisciplinary research relevant to sustainability. The seminar provides support to each student planning his/her summer internship and preparing and presenting a thesis research prospectus.
Prerequisites: ANTH F647, BIOL F647, ECON F647 or NRM F647; ANTH F667, BIOL F667, ECON F667 or NRM F667.
Cross-listed with ANTH F668; BIOL F668; NRM F668.
Lecture + Lab + Other: 2 + 0 + 0
Grading System: Pass/Fail Grades
ECON F670  Seminar in Research Methodology
1 Credit
Offered As Demand Warrants
Philosophy of research and importance of the scientific method to solution of research problems.
**Prerequisites:** Graduate standing.
**Lecture + Lab + Other:** 1 + 0 + 0
**Grading System:** Pass/Fail Grades

ECON F692  Seminar
1-12 Credits
Offered As Demand Warrants
**Lecture + Lab + Other:** 0 + 0 + 0
**Grading System:** Letter Grades with option of Plus/Minus
**Repeatable for Credit:** May be taken unlimited times for up to 98 credits

ECON F698  Non-thesis Research/Project
1-9 Credits
Offered As Demand Warrants
**Lecture + Lab + Other:** 0 + 0 + 0
**Grading System:** Pass/Fail Grades
**Repeatable for Credit:** May be taken unlimited times for up to 99 credits

ECON F699  Thesis
1-9 Credits
Offered As Demand Warrants
**Lecture + Lab + Other:** 0 + 0 + 0
**Grading System:** Pass/Fail Grades
**Repeatable for Credit:** May be taken unlimited times for up to 99 credits