School of Economics

Why Study Economics at UMaine?

Economics has a top-5 career earnings potential and top-3 job placement among college majors! (see pages 2-5) Economics is also a GREAT Pre-Law major!

Our students get hands-on experience working with faculty on real-world projects, travel across the world, take ownership of their academic program, and acquire highly sought after skills (see pages 10-11)

We offer great access to many internships and our students obtain full-time employment in many diverse areas of economics (see pages 12-13)

We offer majors in economics, financial economics, ecology and environmental studies with a sustainability concentration, and international affairs-economics (see pages 2-8). We also offer many opportunities for students to double-major, enhance their resume, and expand their employment opportunities (see page 12-13)

Courses and faculty research touch on a wide array of economic topics, many in applied areas (see page 12)

    Course topics and skills gained vary from analyzing data, public policy, environmental-impact evaluation, personal choices, institutional behavior, international focus, quantitative skills, and more!

UMaine is home to over 200 student groups and organizations that can make college a fun experience as well as help you build leadership experience and career development employers are searching for (see page 19)

Our students will be the first to tell you, everyone in the School of Economics family will have a genuine interest in your success! We are here to help you achieve your goals and hope you consider applying to be a part of our program.

Contat us!

All UMaine Events for the remainder of the spring have been canceled.

email Travis.blackmer@maine.edu to set up a virtual meeting to discuss the School of Economics

Learn more at umaine.edu/soe.
WHAT CAN I DO WITH A DEGREE IN ECONOMICS?

Students who choose to enter the job market with a degree in economics, financial economics or resource economics can expect to find well-paying jobs. In fact, economics is listed by PayScale Inc. and Kiplinger as one of the 10 best college degrees because of high salaries and job growth. Mid-career median pay for an economics major is $97,800/year (PayScale); and those with a master's degree make about $20,000/year more (Kiplinger). The projected job growth is about 14 percent. Our graduates work in fields such as finance and banking, health care, environmental and energy consulting, resource and small business management. The jobs are in private industry, public agencies and in the nonprofit sector. Many of our undergrads pursue a graduate degree in economics, law or business.

WHY STUDY ECONOMICS AT UMAINE?

Students can work closely with faculty members on a wide variety of research and outreach projects related to sustainability, business development, state and local policy, and renewable energy. Economics is also an exciting area of study with excellent prospects for high-paying and rewarding careers. Our programs emphasize the development of analytical and critical thinking skills to solve real problems. Courses such as quantitative analysis and forecasting, econometrics and applied economic data analysis provide students with highly relevant skills, valued in the job market. Students learn how to critically analyze current business and policy issues in areas such as finance and banking, environmental economics, international trade and economic development.

OUR UNDERGRADUATE PROGRAM

The School of Economics offers degree programs in economics and financial economics, with concentrations that reflect the strengths of the department and student interests. We also advise and support students in the international affairs-economics program, and the sustainability track in the ecology and environmental sciences program.

All of our degree programs require students to take a core set of courses, including introductory and intermediate classes in macro- and micro-economics. After completing the core of economics, students work closely with their academic advisers to select a set of electives. Many students obtain double majors and minors in other academic areas to tailor their degree to their career goals. Some students select a degree concentration, which includes economics classes and those offered outside of the department. All of our upper-level courses are small in size, promoting lively classroom discussions. For students thinking about graduate school, our new 4 + 1 degree allows undergraduate students to accelerate their plans by beginning their graduate degree while still an undergrad.

UMaine’s ADVANTAGE

- Research opportunities
- Hands-on experience early in your program
- Close interaction with faculty/small class sizes
- International reputation for excellence in resource and environmental economics
- Beautiful location
- Diversity of programs

Meet our students!

School of Economics
5782 Winslow Hall, Room 206
University of Maine
Orono, ME 04469-5782
207.581.3154

umaine.edu/soe
To apply: umaine.edu

Connect with us: umaine.edu/socialnetwork
OUR GRADUATE PROGRAM

The School of Economics offers graduate degree programs in resource economics and policy, economics, financial economics, and supports students in the ecology and environmental sciences program. We also have formal dual-degree programs with the School of Policy and International Affairs. Because of our active, multimillion dollar research grants, most of our graduate students obtain teaching or research assistantships which provide free tuition, subsidized health insurance and a generous stipend. Finance students can get experience working with several finance officers in the area, and other students can obtain paid internships with the Maine Development Foundation and with state or municipal agencies.

OUR FACULTY

The School of Economics is home to many award-winning faculty who are recognized internationally for high-quality instruction and research. Faculty are innovative in their use of technology and other tools to enhance student learning. Several faculty have been involved in extensive study and analysis of best-practices for teaching and assessment. Our faculty take an active role in student advising with a shared goal of enhancing the student’s professional development. Faculty have active research programs yielding plenty of opportunities for independent research, and paid research assistantships. Strong students can get their work published in academic journals, and present their research at conferences. Our faculty are regularly called upon by federal and state officials, media outlets and government and nonprofit organizations to share their expertise. The faculty hold leadership and editorial board positions with professional associations and journals.

HOW DO I APPLY?

Visit umaine.edu for an application, as well as information about academics and life at UMaine.

explore

Bachelor of Science in Economics

Concentrations in
Agribusiness Administration
Individualized Concentration
Renewable Energy Economics

Bachelor of Arts in Economics

Minors in Economics

Renewable Energy Economics and Policy
Renewable Energy Economics and Policy
Resource and Agribusiness Management

Master of Science in Resource Economics and Policy

Master of Arts in Economics
WHY STUDY FINANCIAL ECONOMICS AT THE UNIVERSITY OF MAINE?

A degree in financial economics provides students with a strong foundation in economic theory and quantitative methods, along with coursework in the area of business finance. UMaine’s financial economics program provides a strong undergraduate background for graduate professional degrees in business, economics and law. This approach incorporates the fundamentals of economic theory in the areas of macroeconomics and monetary economics along with the applied analytical tools of finance and econometrics.

The School of Economics is small enough that we get to know our students and can help them achieve their goals, whether it is going to Europe or Australia for a semester or obtaining a summer internship with a specific type of company. Yet, at the same time, we are large enough to offer a rich assortment of core economics courses and electives, as well as other student-oriented activities.

WHAT CAN I DO WITH A DEGREE IN FINANCIAL ECONOMICS?

Graduates are well-prepared for lucrative and exciting careers in the fields of finance and banking. Finance is the seventh best major according to kiplinger.com; mid-career median pay for a finance major is $85,400 and projected job growth is about 23 percent. Recent graduates have pursued careers in financial management in businesses and nonprofit organizations; commercial and investment banking; and insurance and brokerage. They are prepared to advance rapidly in their field. Employers regularly ask the School of Economics to recommend recent graduates for jobs.

OUR UNDERGRADUATE PROGRAM

The B.S. in Financial Economics degree is designed for students who wish to pursue training in quantitative financial economics while the B.A in Financial Economics is designed for careers in the financial services industry. These courses are complemented by other electives in business, liberal arts and sciences, mathematics and statistics. All of our upperlevel courses are small in size, promoting lively classroom discussions. For students thinking about graduate school, our new 4 + 1 degree allows undergraduate students to accelerate their plans by beginning their graduate degree while still an undergraduate.

OPPORTUNITIES TO EXCEL

Students are encouraged to join the Student Portfolio Investment Fund (SPIFFY). They also may participate in travel courses to China and Russia, and visits to the New York Stock Exchange and other financial institutions. The School of Economics encourages students to get involved in research projects, to study abroad or take part in summer internship programs — course credit is available for all of these options.

OUR GRADUATE PROGRAM

The B.S. in Financial Economics degree program provides a strong academic background for students who wish to pursue graduate studies. Most of our graduate financial economics students obtain teaching assistantships which provide free tuition, subsidized health insurance and a healthy stipend. Financial Economics students can also get experience working with several finance officers in the area, and other students can obtain paid internships. Students are prepared for graduate studies in financial economics, economics, law, business, or other related fields.

OUR FACULTY

The School of Economics is home to many award-winning faculty who are recognized...
internationally for high-quality instruction and research. Faculty are innovative in their use of technology and other tools to enhance student learning. Several members of the department have been involved in extensive study and analysis of best-practice teaching and assessment techniques. Our faculty take an active role in student advising with a shared goal of enhancing the student’s professional development. Faculty have active research programs yielding plenty of opportunities for independent research and paid research assistantships. Strong students can get their work published in academic journals and present their research at conferences. Our faculty are regularly called upon by federal and state officials, media outlets and government and nonprofit organizations to share their expertise. The faculty hold leadership and editorial board positions with professional associations and journals.

NEBHE PROGRAM
Applicants to this program who reside in Vermont are eligible for reduced tuition (in-state plus 50 percent) under the New England Regional Student Program, administered through the New England Board of Higher Education (nebhe.org).

HOW DO I APPLY?
Visit umaine.edu for an application, as well as information about academics and life at UMaine.
Ecology and Environmental Sciences

WHY STUDY ECOLOGY AND ENVIRONMENTAL SCIENCES AT THE UNIVERSITY OF MAINE?

If you are passionate about the outdoors, about studying and observing the natural world, and you're concerned about local and global environmental issues, the ecology and environmental sciences program (EES) at the University of Maine will provide you with outstanding opportunities to begin your career. The UMaine campus is surrounded by 32,000 miles of rivers and streams, 3,500 miles of coastline, 6,000 lakes and ponds, and 17 million acres of forest. Maine is a living laboratory for UMaine EES students.

Because of UMaine's location, facilities and reputation, some of the world's top scientists and scholars choose to make UMaine their home. Our faculty members are experts in a breadth of disciplines, including geosciences, soils, biology, ecology, environmental sciences, economics and policy.

WHAT CAN I DO WITH A DEGREE IN ECOLOGY AND ENVIRONMENTAL SCIENCES?

The interdisciplinary EES degree is highly marketable to employers. An EES degree demonstrates that you have diverse interests and skills, and concern for both the human and ecological issues shaping the quality of our environment. EES graduates pursue careers in environmental consulting, natural resource management, conservation, land-use planning, biology and policy. Employment opportunities are available with nonprofit organizations, local, state and federal agencies, corporations, consulting firms, schools and universities. In addition, many undergraduate EES students pursue graduate degrees.

OUR UNDERGRADUATE PROGRAM

The B.S. in ecology and environmental sciences is an interdisciplinary program that emphasizes the link between humans and the environment. Students receive in-depth training from several academic units across campus, including anthropology, biology and ecology; earth and climate sciences; economics; food and agriculture; forest resources; marine sciences; and wildlife, fisheries, and conservation biology. EES students learn about a wide array of natural systems, as well as the scientific, social and economic principles that govern use of natural resources.

Our curriculum is designed to address current environmental challenges and provide an education that ensures our graduates are competitive in today's job market. We train students to be well-grounded in both social and biophysical sciences, and to be equipped with practical skills (e.g., field and research experience, facility with geographic information systems, ability to communicate effectively and familiarity with information technologies). We offer a number of concentrations so students can select the focal area that best meets their interests and career goals. The program is designed to allow students ample flexibility to pursue individual interests in preparing for careers or postgraduate study.

OUR GRADUATE PROGRAM

The University of Maine offers competitive M.S. (thesis and nonthesis) and Ph.D. degrees in ecology and environmental sciences. Our graduate students employ and mentor many of our undergraduate students and have ample opportunity to engage in EES-related program development (e.g., seminar series, student activities and career development).

OUR FACULTY

EES faculty are engaged in cutting-edge, internationally recognized research on complex environmental problems — from
ABOUT UMAINE
The University of Maine, founded in Orono in 1865, is the state's premier public university. It is among the most comprehensive higher education institutions in the Northeast and attracts students from across the U.S. and more than 73 countries. It currently enrolls 11,286 total undergraduate and graduate students who can directly participate in groundbreaking research working with world-class scholars. The University of Maine offers doctoral degrees in 35 fields, representing the humanities, sciences, engineering and education; master's degrees in roughly 70 disciplines; 90 undergraduate majors and academic programs; and one of the oldest and most prestigious honors programs in the U.S. The university promotes environmental stewardship on its campus, with substantial efforts aimed at conserving energy, recycling and adhering to green building standards in new construction. For more information about UMaine, visit umaine.edu.

explore
Bachelor of Science in Ecology and Environmental Sciences
Concentrations in Earth and Environmental Sciences
Ecosystem Ecology
Natural History and Environmental Studies
Soil and Water Sciences
Sustainability, Environmental Policy and Natural Resource Management Individualized Concentration

Minor in Ecology and Environmental Sciences

Master of Science in Ecology and Environmental Sciences

Ph.D. in Ecology and Environmental Sciences

songbird migration in the Gulf of Maine to global climate change issues. Our faculty influence the way people perceive, use and manage natural resources. They regularly publish popular literature and scientific articles in leading magazines and journals in their areas of expertise, and have authored books used in college-level instruction. Our faculty hold leadership positions in national and international professional organizations and nongovernmental organizations.

EES faculty members are accessible and committed to the enrichment of their students. Many faculty employ and mentor undergraduates, providing volunteer and paid research positions both during the academic year and the summer months.

OPPORTUNITIES TO EXCEL
EES faculty have active research programs that provide students access to diverse research initiatives in the field and in the lab, as well as employment opportunities in their fields of study, both during the academic year and the summer months. Our students engage actively in the research process; it is not uncommon for undergraduates to coauthor papers with faculty and graduate students.

EES students are encouraged to pursue internships and study abroad field opportunities for academic credit. UMaine students have pursued a variety of experiences, ranging from working with attorneys on solid waste disposal issues to monitoring wildlife at wind power production sites. In Maine, EES has established competitive internships with regional consulting firms, and state and federal agencies.

HOW DO I APPLY?
Visit umaine.edu for an application, as well as information about academics and life at UMaine.

"After receiving such a fantastic interdisciplinary undergraduate education, I have the ability to step into a wide variety of projects within the company. This is an asset that not every new employee can bring to the table."

— Nicholas Bonzey, Class of 2006, Soil Scientist with Stantec Inc.
A “C” or better is required in all International Affairs courses counting towards the major, regardless of concentration. **Check the Undergraduate Catalog for complete details pertaining to the International Affairs Major.**

### IA Core Requirements

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<td>ANT 102</td>
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<td>Introduction to Anthropology: Diversity of Cultures</td>
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<td>ECO 121</td>
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<td>Principles of Macroeconomics</td>
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<td>History of Globalization</td>
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<td>Introduction to International Affairs</td>
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<td>Introduction to World Politics</td>
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### Thematic Courses: International Economics

**ECO as primary field**

You must take at least 7 primary courses (21 credit hours) and at least 6 credits in secondary courses from the same discipline.

#### Primary Courses:

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<td>ECO 120</td>
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<td>Principles of Microeconomics</td>
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<td>ECO 321</td>
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<td>Intermediate Macroeconomics</td>
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<td>ECO 339</td>
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<td>International Finance</td>
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<td>ECO 340</td>
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<td>The Canadian Economy</td>
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<td>ECO 350 or 420</td>
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<td>Intermediate Microeconomics</td>
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<td></td>
<td>Money and Banking</td>
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<td>ECO 366</td>
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<td></td>
<td>Applied Economic Data Analysis</td>
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<td>ECO 381</td>
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<td>Sustainable Development Principles</td>
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<td>ECO 443</td>
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<td>Introduction to Modern Economic Growth</td>
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<td>International Environmental Econ. &amp; Policy</td>
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<td></td>
<td>Introduction to Economic Statistics &amp; Econometrics</td>
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<td>ECO 496</td>
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<td>Field Experience: Focus on International Economics</td>
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<td>ECO 497</td>
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#### Secondary Courses (6 credits required from the same discipline)

Two non-ECO courses related to international issues or topics from the same secondary field (an exception is INA 201: Special topics or other appropriate topics course - must get permission from SOE Director) Grade of C or better in all courses;

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### Foreign Language Experience

6 credit hours

- International Affairs majors who are not international students must take and pass the Oral Proficiency Interview (OPI) of the American Council on the Teaching of Foreign Languages (ACTFL) with a rating of Intermediate (Low, Mid, or High) or better.
- Students are responsible for paying for these tests.
- Minimum preparation for these tests is generally six credits at the 300-level or above in French or Spanish, or in the recommended equivalent in the VOX sequence of Critical Languages on campus. VOX courses must be approved by the Chair of the Modern Languages Department.
- Learning abroad experience, including study abroad, also offers opportunities for language training.
- International students are permitted to meet the language requirement with their TOEFL score, but are encouraged to undertake further foreign language study.
- Students cannot meet the language requirement in their native language.

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Rating on OPI of the ACTFL _______________________

Core crds. _____ + Thematic crds. _____ = Total crds: _____
What is Economics?

**Brodest Definition:** The study of scarcity and choice.

How households, business, and institutions manage their scarce resources (limited income or budget, 24 hrs in a day, # of people, natural resources, equipment and machinery, landscape, etc.) to maximize individual, household, business, and/or society’s well-being.

**From American Economics Association**

Economics can be defined in a few different ways. It’s the study of scarcity, the study of how people use resources and respond to incentives, or the study of decision-making. It often involves topics like wealth and finance, but it’s not all about money. Economics is a broad discipline that helps us understand historical trends, interpret today’s headlines, and make predictions about the coming years.

Economics ranges from the very small to the very large. The study of individual decisions is called microeconomics. The study of the economy as a whole is called macroeconomics. A microeconomist might focus on families’ medical debt, whereas a macroeconomist might focus on a nation’s debt.

**From the University of London**

The word 'economics' comes from two Greek words, 'eco' meaning home and 'nomos' meaning accounts. The subject has developed from being about how to keep the family accounts into the wide-ranging subject of today.

**From Webster’s Dictionary**

A social science concerned chiefly with description and analysis of the production, distribution, and consumption of goods and services.
University of Maine School of Economics Student Experiences

Adam, Internship and Study Abroad, Economics and Political Science Double-Major

Adam, an Economics and Political Science double major, has studied abroad in Ireland through the George Mitchell Peace Scholarship and has worked for Senator Susan Collins in Washington, D.C. The George Mitchell Peace Scholarship is a highly competitive program that awards two University of Maine System students a full scholarship to attend University College Cork in Ireland for a semester, to commemorate Senator George Mitchell's work on the Good Friday Agreement between the United Kingdom, Northern Ireland, and the Republic of Ireland. Adam worked in Senator Susan Collins' office, and conducted research for her on issues including prescription drug pricing, fraud investigations, and banking regulations. He was able to gain experience working in a fast paced professional environment, and move towards his goal of working in public service upon graduation.

Afton, Honors Thesis, Ecology and Environmental Studies Major with a Concentration in Sustainability

Afton was an ecology and environmental sciences undergraduate with a concentration in sustainability and natural resource management and a minor in sustainable food systems at UMaine from 2013-2017. In 2016, she joined Tim Waring's research team and conducted her Honors thesis research with Tim as her advisor while working as a research assistant on his grant-funded project focusing on cooperation in the local food economy. She defended her honors thesis, which examined a group of small cooperative food-buying clubs, in 2017 shortly before graduating with her B.S. She continues to work on the cooperation project as a graduate student in the SOE Resource Economics & Policy program. She plans to defend her Master's thesis in the spring of 2019 after over three years of work on the project.

Angela, Capstone Project, Economics Major

Angela, a B.S. Economics student, has worked as an undergraduate research assistant on several diverse projects. During her sophomore year, she worked with Dr. Mario Teisl to analyze student course evaluations. The goal of this project was to gain a better understanding of the factors that influence students' overall satisfaction with their professors and courses at UMaine. Through this work, she had the opportunity to learn advanced statistical analysis to produce a technical report and offer recommendations to improve teaching at the UMaine School of Economics. For her independent capstone, she studied entrepreneurship and the economic conditions that push or pull people to pursue new business startups. Her work on this project was accepted by a prestigious Regional Science conference, where she will present with her faculty advisor Dr. Andrew Crawley to other researchers this fall.

Antonio, Research Project and Capstone, Economics Major Math Minor

Antonio is working with Dr. Waring and his lab to analyze the structure and evolution of cooperation in small groups, as it pertains to common, game-theoretic pitfalls these groups face. The goal was to understand the emergence of cooperative behavior and governance structures that promote it and to quantify the necessity for cooperation as it pertains to longevity of these groups. Through this project he was able to apply economic and statistical theory from his courses onto a real-world scenario. Furthermore, he got hands-on experience with coding, text mining, and statistical modelling in R, as well as exposure to agent-based modelling calibrated against actual data and further used for behavior forecasting.

Dominic, Research Projects and Honors Thesis, Economics Major

Dominic has worked on two research projects over his undergraduate career. In 2016, he worked as an undergraduate research assistant for Professor Todd Gabe and Professor James McConnon as they studied the economic impact of cruise ship visits on the town of Bar Harbor, Maine. Currently, he is working as an undergraduate research assistant for Professor Kathleen Bell of the School of Economics and Professor Mindy Crandall of the School of Forest Resources, and Professor Catherine Biddle of the School of Education Leadership on a project studying the role of K-12 schools on the economic development of rural, forested regions. Additionally, he is currently working on his honors thesis on the topic of access to mental health
services in rural areas of the United States and Canada, being advised by Professor Angela Daley and Professor Todd Gabe.

**Erin and Jake, Capstone Project, Economics Majors**

As a capstone project, Erin and Jake, worked with Dr. Angela Daley to create a well-being index for Maine counties. It included measures of housing, income, jobs, education, environment, health and other dimensions of well-being. This index is a tool that can be used by policymakers and community organizations to target resources in counties that need them most, and in dimensions of well-being that have the potential to significantly impact people's lives. Erin and Jake presented this work at the UMaine Student Symposium, and are currently preparing for publication.

**Joshua, Research Projects and Undergraduate Capstone, Economics Major**

Joshua did his undergraduate degree in Economics during which he was engaged in diverse research. He worked as an undergraduate research assistant for Professor Keith Evans to develop a comparative analysis of laws referring to aquaculture across coastal states in the United States. In addition to this policy analysis, Joshua worked to develop a system of qualitative coding to facilitate an analysis of what factors influence consumer purchasing decisions of aquaculture products. Additionally, for his undergraduate capstone project, Joshua worked independently to find an optimal salary cap allocation strategy for professional football teams, based on historical performance.

**Kaitlyn, Independent Research and Capstone, Ecology and Environmental Science and Economics Double Major**

Kaitlyn is entering her third year working on the Future of Dams Project with Dr. Sharon Klein. Kaitlyn has worked extensively on data collection and distribution pertaining to different dams across New England and has also worked with a Media Discourse Analysis (MDA) database to try to find trends in what the media portrays as important decision criteria and alternatives when making a decision about a dam. She is also doing social science work by qualitatively coding interviews with stakeholders to ultimately inform a Multi Criteria Decision Analysis (MCDA); a model that will be used to put different weights on decision criteria and alternatives to help inform policy makers on the different outcomes a decision could have on a community and ecosystem. Kaitlyn is also working with a group of three other students and Dr. Amanda Klemmer on her capstone project looking at the sustainability of different rockweed end-products. Kaitlyn will be conducting cost benefit analyzes for the different products rockweed is harvested for, as well as the different harvesting methods themselves.

**Sarah, Honors Thesis and Research Projects, Financial Economics Major**

Sarah, a B.S. Financial Economics student, began working on research projects her junior year. Initially, she worked with Dr. Andrew Crawley on a Maine Brewers’ Guild economic impact project which analyzed the craft brewing industry in the state of Maine. Then, still working closely with Dr. Crawley, during the summer she began to do research on the labor markets of Maine and the United States, with a special attention to Beveridge Curve theory; which relates job vacancy rates to unemployment rates. Independently, Sarah continued the labor market research through her Honors thesis with an overall focus on the matching efficiency between vacant jobs and the unemployed. In Fall 2017, her work, accompanied with her advisor Dr. Crawley, was accepted to the North American Regional Science Conference in Vancouver, B.C. where Sarah was one of few undergraduate students to attend and present.

**Taylor, Research Project and Capstone, Ecology and Environmental Studies Major with a Concentration in Sustainability**

Taylor, an EES student with a concentration in Sustainability, has worked with faculty member Travis Blackmer on an interdisciplinary research project on food waste. Taylor and 4 other undergraduate students with varying majors (anthropology, engineering, food science, nursing) are working as a team and individually to tackle this problem from their individual discipline and at the system level. Taylor and Travis have helped to create a community-oriented composting business in Mid-Coast Maine that's aim is to utilize local farm capacity to create compost with local households, businesses, and institutions food scraps. The goal is to assist in planning, client recruitment, input sourcing, educational materials, logistics, grant funding (DEP grant awarded!), end-market evaluation, and assessing the economic, environmental, and social impacts of this new initiative.
List of Common Double Majors with Economics/Financial Economics

Accounting
Anthropology
Ecology and Environmental Science
English
*Finance
*History
International Affairs
Journalism
Management
Marketing
*Math
New Media
Parks, Recreation, and Tourism
*Political Science
*Psychology
Wildlife Ecology

*denotes most popular programs

List of Common Minors with Economics/Financial Economics

Agribusiness Management
*Business Minor
Canadian Studies Minor
Computer Science Minor
Ecology and Environmental Studies
History Minor
International Affairs Minor:
Labor Studies Minor
*Legal Studies Minor
*Mathematics Minor
*Political Science Minor
*Psychology Minor
*Renewable Energy Economics and Policy
Sustainable Food Systems Minor

*denotes most popular programs

Where our Graduates Work

athenahealth
Bangor Savings Bank
BerryDunn
Beacon Consulting Group
Boston Consulting Group
Brookfield Renewable Energy
Cambridge Associates
DNVGL
Eastern Maine Health Systems
Educate Maine
Edward Jones
Emera Maine
Environmental Resource Management
Farm Credit East
Federal Deposit Insurance Corporation
GZA GeoEnvironmental
Jackson Hole Mtn. Resort
Kennebec Savings
Key Bank
Leidos Consulting
(Env. Eng.)
Maine Department of Environmental Protection
Maine International Trade Center
Maine Medical Center
Maine Seafood Ventures
MEMIC (Insurance Company)
Merrill Lynch
NH Bragg
Ocean Renewable Power Company
Quality Water Products
Pingup
Raytheon
Southwick and Associates
Steward Health Care
Stone Coast Fund Services
UNUM
Internship Employment for UMaine Economics Students

Acensus College Savings
Advanced Manufacturing Center
Aflac Insurance
Berry Dunn Accounting Firm
Bureau of Consumer Credit Protection
Coldwell Banker Residential Brokerage
Collegiate Entrepreneurs
Darling Marine Center
Dead River Company
Delhaize American
Downeast Lakes Land Trust
Eastern Maine Health System
Environment Maine
Farm Credit
Flowfold
Gibson Financial Solutions
Grameen Bank (Bangladesh)
Groth and Associates
Guidance Point Retirement Services
Hartney Greymont
Hawkes & Mehnert LLP
Janet Mills for Governor
Leerink Partners
L.L. Bean
Liberty Mutual
Maine Department of Environmental Protection
Maine Department of Education
Maine Development Foundation
Maine Distributors
Maine International Trade Center
Maine Wind and Ocean Industry Initiative
Morgan Stanley
Nestle Waters
NOAA
Office of Congressman Michael Michaud
Office of Senator Susan Collins
Sen. Mitchell Center for Sustainability Solutions
State Street Bank (Boston)
Strategic Marketing Innovation
Stewart Healthcare
Svasti Microfinance Private Limited
Tallman Family Farms LLC
TD Bank
The Jackson Laboratory
Thunderbolt Farms
UBS Financial
United Way of the Trivalley Area
UNUM
US Dep’t of Transportation Maritime
US & Foreign Commercial Service
US State Department
Varney GMC
Wal-Mart
Your rewarding career starts here!

From the lab to the field and the clinic to the classroom, in the College of Natural Sciences, Forestry, and Agriculture you will develop the scientific and practical knowledge you need to become a leader in your field.

As teachers and scholars, our faculty integrate hands-on clinical, field, and research experiences with academic rigor that employers and graduate programs expect from today’s graduates.

Our programs offer students:

- Involvement in cutting-edge research both in class and as paid assistants.
- Graduate school acceptance and licensure passage rates that exceed national averages.
- Flexible curriculums let you tailor your degree to your interests.
- Hands-on field experience throughout Maine and across the globe.
- Innovative teaching methods to help you excel in core science courses.
- Over 20 student clubs and organizations to help you connect with professionals in your field.
- Opportunities to apply what you learn in the classroom to real-world scenarios through partnerships with nearby leading research institutions, hospitals, clinics, and businesses.
- Individualized attention and support from faculty advisors.
- Strong post-graduation job placement rates.

At UMaine, we transform lives and use science to inform decisions that will create a bright future for our planet.

To join us, apply today at go.umaine.edu.

Heal • Conserve • Cultivate • Discover
LEARN MORE Visit nsfa.umaine.edu, or contact the person listed next to your major of interest. For general information, contact Associate Dean George Criner at 207.581.3206 or criner@maine.edu.

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<th>Animal &amp; Veterinary Sciences</th>
<th>Susan Sullivan</th>
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<td>Ann Dieffenbacher-Krall</td>
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<td>Charlene Gray</td>
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<td></td>
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<td>Parks, Recreation, &amp; Tourism</td>
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The University of Maine is an equal opportunity/affirmative action institution.
STUDENT CLUBS AND ORGANIZATIONS

At the University of Maine, there are more than 200 student clubs and organizations. Student organizations range from academic, Greek Life, sports and recreation to special interest and Student Government. Below are a few examples of the many ways to be engaged, on campus and off, as part of the UMaine student experience.

ACADEMIC
American Marketing Association
Athletic Training Student Organization
Bioengineering Club
Biology Club
Creative Writing Club
Entrepreneurship Alliance
Marine Sciences Club
Nutrition Club
Orono Student Nurses Association
Pre-Law Society
Pre-Vet Club
Sociology Club
Wildlife Society

HOBBIES AND INTERESTS
Black Bear Robotics
Bouldering/Climbing Club
College Republicans
Fishing Club
Equestrian Team
League of Legends Club
Mock Trial
Paranormal Investigation Club
Student Government

INTRAMURAL SPORTS
Basketball
Broomball
Flag Football
Field Hockey
Floor Hockey
Kickball
Soccer
Volleyball

SPORTS
Alpine Skiing
Badminton/Ping Pong
Cycling
Fastpitch Softball
Field Hockey
Golf
Lacrosse
Soccer
Swimming
Tennis
Ultimate Frisbee
Wrestling
Volleyball
Water Polo

MULTICULTURAL
African Student Association
American Indian Student Organization
Black Student Union
International Student Association
Muslim Student Association
Saudi Arabian Student Organization
South Asian Association of Maine
Turkish Students Association

RELIGIOUS AND SPIRITUAL
Catholic Student Association
Challenge UMaine
Campus Crusade for Christ
Hillel
Spiritual Coexistence Student Group
The Navigators

SERVICE AND PHILANTHROPIC
Best Buddies
Colleges Against Cancer
Engineers Without Borders-USA
Operation H.E.A.R.T.S.
Respect, Education, Action, Community, Hope
(REACh)
Strong Mind-Strong Body, Inc.
Water for ME Student Group

VISUAL AND FINE ARTS
3D Printing Club
Acoustic Guitar Club
Animation Club
Improv In Sanity
Mainely Voices
Photography Club
Traditional Music and Dance Club

THE UNIVERSITY OF
MAINE

For more information, visit umaine.edu/case

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50 Things To Do Before You Graduate UMaine

In spring 2017, 23 seniors in a 400-level communication course undertook a capstone project in collaboration with UMaine’s Division of Marketing and Communications. The project, “50 Things to Do Before You Graduate from the University of Maine,” is a UMaine bucket list for students by students. Led by Associate Professor of Communication and Journalism Claire Sullivan, the undergraduates in the class conducted in-person interviews with 286 UMaine students in different majors and years in school to get their input to compile the list of 50 must-do activities and places to see. A news release about the project is online.

1. Join a club
2. Experience Greek Life
3. Be a part of Maine Day: Play oozeball; watch the concert; volunteer; eat at the cookout
4. Tailgate at the Homecoming football game
5. Try Buffalo Chicken Wednesday at York Dining
6. Explore Maine Bound: Go on a trip; climb the rock wall; rent equipment
7. Visit the New Balance Student Recreation Center: Take a free class; sit in the sauna; try the ropes course
8. Participate in intramural sports
9. Swim or float down the Stillwater River in an inner tube, paddleboard, kayak or canoe
10. Take a photo with Bananas, UMaine’s black bear mascot
11. Take a photo at the UMaine bear statue
12. Find the banana tree in the Roger Clapp Greenhouses
13. Sit in the student section at a UMaine vs. UNH men’s ice hockey game
14. Visit the Lyle E. Littlefield Ornamentals Trial Garden
15. Walk, bike and cross-country ski the UMaine trails
16. Ice skate for free at Alfond Arena
17. Hang out on the Mall: Relax; study; play frisbee, view the stars; try slacklining
18. See a show at the Collins Center for the Arts using your two free tickets each semester; visit the Hudson Museum

https://umaine.edu/50things/
19 Support the arts: Attend a School of Performing Arts performance; go to an art opening at Lord Hall Gallery; watch the Dance Showcase

20 Participate in the Career Fair

21 Wear your L.L.Bean Boots

22 Study abroad

23 Take a weekend trip to Canada

24 Learn and sing the “Maine Stein Song”

25 Visit downtown Bangor; explore the UMaine Museum of Art for free; participate in the Bangor Artwalk

26 Walk through every building on campus

27 Participate in Maine Hello

28 Attend Culturefest and try a new food

29 Watch the Earth Day parade

30 Visit the Orono Bog Boardwalk

31 Buy fresh at the Orono Farmers Market

32 Support local businesses: Original location of Pat’s Pizza; Margaritas College Night

33 Hike Chick Hill in Clifton

34 Visit Baxter State Park and hike Mount Katahdin

35 Go to a Waterfront Concert in Bangor

36 Drive by Stephen King’s house

37 Find the Paul Bunyan statue

38 Eat a lobster roll

39 Visit Acadia National Park; Watch the sunrise on Cadillac Mountain; eat at Jordan Pond House; visit Sand Beach; participate in the polar dip; bike the carriage trails; hike

40 Visit Bar Harbor; Eat; shop; take a boat tour or whale watch

41 Visit Freeport; Home of the flagship L.L.Bean store (open 24 hours, 365 days per year); and shop at the outlets

42 Visit Portland and its Old Port

43 Ski Sugarloaf and attend events there

44 Visit a Maine lighthouse

45 Watch a game or show at the Cross Insurance Center in Bangor

46 Pet the therapy dogs during finals week

47 Visit Treworgys Family Orchard in the fall: Go apple picking; get lost in the corn maze; and take a hayride

48 Visit the Emera Astronomy Center and watch a planetarium show

49 Get involved with the Bodwell Center for Service and Volunteerism

50 Participate in Senior Week: Take a photo with your name on the Alfond Stadium video board before you graduate

https://umaine.edu/50things/
School of Economics

TRAVIS BLACKMER,
UNDERGRADUATE COORDINATOR
Need a course for the Fall? Summer? Online Option?

- **ECO 120-Principles of Microeconomics** (taught Fall, Winter, Spring & Summer!)
  - GenEd which satisfies Social Contexts and Institutions. A look at how all the individual actors (firms, households, government) make decisions and interact.

- **ECO 121-Principles of Macroeconomics** (taught Fall, Winter, Spring & Summer!)
  - GenEd which satisfies Social Contexts and Institutions. A look at how all the individual units of the economy come together and function as a whole.

- **ECO 190-World Population and Food Supply** (taught Fall, Winter, Spring & Summer!)
  - GenEd which satisfies both Population and the Environment and Social Contexts and Institutions Requirements.

- **ECO 254-Small Business Economics and Management** (online summer/fall, live spring)
  - GenEd which satisfies Social Contexts and Institutions. Covers a range of topics including data analysis/Excel proficiency from the viewpoint of the small business environment.

- **ECO 350-Intermediate Microeconomics Theory** (online summer)
  - Required for majors and option for minors.
Other Fall Offerings

ECO 120 Pre-Req (121 or other course when listed)

- ECO 120,121,190,254
- ECO 266-Principles of Data Analysis
- ECO 321-Intermediate Macroeconomics (Social Contexts 120/121 Pre-Req, ONLINE!)
- ECO 339-International Finance (Cultural Diversity 120/121 as pre-req)
- ECO 340-Canadian Economy (Cultural Diversity 120/121 as pre-req)
- ECO 350-Intermediate Microeconomics
- ECO 377-Natural Resource Economics (Pop & Env, Social Contexts, ONLINE!)
- ECO 390-The Chinese Economy (CULTURE, ONLINE!)
- ECO 433-Labor Economics (Ethics, 350 as pre-req)
- ECO 450- International Environmental Economics and Policy (capstone)
- ECO 453-Financial Economics (ECO 321)
- ECO 475-Industrial Organization (Capstone, ONLINE!)
Our Programs

- **B.A. Economics**
  - For double-majors and to prepare students for jobs in public policy, pre-law, non-profit, graduate schools, and more (Double Majors: POS, MAT, PSY, BUA, NWD, THE, IA, EES, more! 17 Different PROGRAMS!)

- **B.S. Economics**
  - For quantitative skills to be highly prepared to in-demand quantitative jobs in any field (economics is a study of making decisions!)

- **B.A. Financial Economics**
  - For students planning to work in banking, financial planning, and other financial services industries (MANY Double Majors with Finance!)

- **B.S. in Financial Economics**
  - For students that are interested in quantitative jobs in financial markets, financial planning, and investing
Our Programs

Minors offered: 6 courses/18 credits

- Renewable Energy Economics and Policy
  - GREAT FIT FOR ENGINEERS!
- Agribusiness Management

- Standard Minor
  ECO 120 & 121 (Principles Micro & Macro)
  Either 321 or 350 (intermediate Micro/Macro)
  3 Electives (2 greater than 300)
What Our Faculty Research

- Agriculture
- Behavioral Economics
- Community and Regional Development
- Consumer Choices and Psychology
- Economic Development
- Education Economics
- Environmental Health
- Geographic Information Systems
- Health Economics
- International Finance
- Land-Use Planning
- Labor
- Industry Composition

- Marine Resources
- Offshore Wind
- Public Policy
- Renewable Energy
- Small Business
- Sports Economics
- Sustainability
  - Aquaculture
  - Dam Management
  - Local Food Systems
  - Safe Beaches
  - Vernal Pools
  - Waste Management
Student Opportunities

Many opportunities for students to be involved in hands-on research and internships!
Internship Companies

- Acensus College Savings
- Advanced Manufacturing Center
- Aflac Insurance
- Berry Dunn Accounting Firm
- Bureau of Consumer Credit Protection
- Coldwell Banker Residential Brokerage
- Collegiate Entrepreneurs
- Darling Marine Center
- Dead River Company
- Delhaize American
- Downeast Lakes Land Trust
- Eastern Maine Health System
- Environment Maine
- Farm Credit
- Flowfold
- Gibson Financial Solutions
- Grameen Bank (Bangladesh)
- Groth and Associates
- Guidance Point Retirement Services
- Hartney Greymont
- Hawkes & Mehnert LLP
- Janet Mills for Governor
- Leerink Partners
- L.L. Bean
- Liberty Mutual
- Maine Department of Environmental Protection
- Maine Department of Education
- Maine Development Foundation
- Maine Distributors
- Maine International Trade Center
- Maine Wind and Ocean Industry Initiative
- Morgan Stanley
- Nestle Waters
- NOAA
- Office of Congressman Michael Michaud
- Office of Senator Susan Collins
- Sen. Mitchell Center for Sustainability Solutions
- State Street Bank (Boston)
- Strategic Marketing Innovation
- Stewart Healthcare
- Svasti Microfinance Private Limited
- Tallman Family Farms LLC
- TD Bank
- The Jackson Laboratory
- Thunderbolt Farms
- UBS Financial
- United Way of the Trivalley Area
- UNUM
- US Dep’t of Transportation Maritime
- US & Foreign Commercial Service
- US State Department
- Varney GMC
- Wal-Mart
Interested?

- If you’ve liked Economics think about...
  - adding a minor
  - double-major
  - or if you’re considering switching majors economics may be a good place for you
Where our Graduates Work

- athenahealth
- Bangor Savings Bank
- BerryDunn
- Beacon Consulting Group
- Boston Consulting Group
- Brookfield Renewable Energy
- Cambridge Associates
- DNVGL
- Eastern Maine Health Systems
- Educate Maine
- Edward Jones
- Emera Maine
- Environmental Resource Management
- Farm Credit East
- Federal Deposit Insurance Corporation
- GZA GeoEnvironmental
- Jackson Hole Mtn. Resort
- Kennebec Savings
- Key Bank
- Leidos Consulting (Env. Eng.)
- Maine Department of Environmental Protection
- Maine International Trade Center
- Maine Medical Center
- Maine Seafood Ventures
- MEMIC (Insurance Company)
- Merrill Lynch
- NH Bragg
- Ocean Renewable Power Co
- Quality Water Products
- Pingup
- Raytheon
- Southwick and Associates
- Steward Health Care
- Stone Coast Fund Services
- UNUM
- & more!
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<td>Engineering</td>
<td>61.5%</td>
</tr>
<tr>
<td>Accounting</td>
<td>61.2%</td>
</tr>
<tr>
<td>Economics</td>
<td>61.5%</td>
</tr>
<tr>
<td>Business Administration</td>
<td>54.3%</td>
</tr>
<tr>
<td>Sociology/Social Work</td>
<td>42.5%</td>
</tr>
<tr>
<td>Mathematics/Statistics</td>
<td>40.3%</td>
</tr>
<tr>
<td>Psychology</td>
<td>39.2%</td>
</tr>
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<td>Mathematics/Statistics</td>
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</tr>
<tr>
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<td>40.3%</td>
</tr>
<tr>
<td>Psychology</td>
<td>39.2%</td>
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</tbody>
</table>

### Average Starting Salary

<table>
<thead>
<tr>
<th>Major</th>
<th>Pay</th>
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<tbody>
<tr>
<td>Computer Science</td>
<td>$66,800.00</td>
</tr>
<tr>
<td>Engineering</td>
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<tr>
<td>Mathematics and Statistics</td>
<td>$60,300.00</td>
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<tr>
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<td>$58,600.00</td>
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<tr>
<td>Finance</td>
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<tr>
<td>Accounting</td>
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<tr>
<td>Nursing</td>
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<tr>
<td>Business</td>
<td>$49,900.00</td>
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<tr>
<td>Health Care</td>
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<tr>
<td>Architecture and Planning</td>
<td>$47,400.00</td>
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<tr>
<td>Biological Sciences</td>
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<tr>
<td>Law</td>
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<tr>
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<td>Education</td>
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<td>History</td>
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<tr>
<td>English</td>
<td>$39,600.00</td>
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<tr>
<td>Social Services</td>
<td>$34,700.00</td>
</tr>
</tbody>
</table>

### Median Annual Earnings

- **Economists**: $104,340
- **Social scientists and related workers**: $76,650
- **Total, all occupations**: $38,640

### Median Annual Earnings by Major

- **Economics**: $61,500
- **Liberal Arts/Humanities**: $61,500
- **Biology**: $61,500
- **Communications/Journalism**: $61,500
- **Business Administration**: $61,500
- **Environmental Science**: $61,500
- **Visual & Performing Arts**: $61,500

### Sources
- Forbes Magazine, July 2015
- Hamilton Project 2014
- BLS 2018

**CONTACT INFO**

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