

ECONOMICS OPTION

This option is available within the Data Science (<https://catalog.oregonstate.edu/college-departments/science/statistics/data-science-bs-hbs/>) major at the following location:

- **Corvallis**

The Economics option, created in collaboration with the department of Economics in the School of Public Policy, provides students with a foundation in economic theory and its real-world applications. This program is designed to equip students with essential analytical skills, foster critical thinking, and a solid understanding of how economic principles shape decision-making processes across various contexts.

Option Code: A053

Upon successful completion of the program, students will meet the following learning outcomes:

- Explain key concepts and principles of microeconomic theory.
- Derive basic estimators and prove their properties, estimate economic models using data, test hypotheses, forecast, and interpret estimates.
- Apply economic theory to issues in fields of economics.

Code	Title	Credits
Required Core		
ECON 201Z	++PRINCIPLES OF MICROECONOMICS	4
ECON 202Z	++PRINCIPLES OF MACROECONOMICS	4
ECON 311	INTERMEDIATE MICROECONOMIC THEORY	4
ECON 424	INTRODUCTION TO ECONOMETRICS	4
Electives		
Select additional ECON courses with advisor approval ¹		8
Total Credits		24

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Baccalaureate Core course. Applies to general education requirements for undergraduate students in a catalog year up to 2024-2025

+

Core Education course. Applies to general education requirements for undergraduate students in catalog year 2025-2026 and beyond

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A minimum of 15 upper-division credits are required in the option

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