

MATHEMATICAL ECONOMICS OPTION

This option is offered within the following major(s):

- Economics - College of Liberal Arts (<http://catalog.oregonstate.edu/college-departments/liberal-arts/school-public-policy/economics-ba-bs-hba-hbs>)

As the economics profession becomes increasingly mathematical, economics majors who plan to go to graduate school need a strong math background. The Mathematical Economics option provides the necessary mathematical preparation for graduate school bound economics majors. It also serves students who desire a more quantitative program or who come into the major with significant math preparation to apply math toward their degrees in economics.

Option Code: 888

Code	Title	Hours
Economics Core Curriculum		
ECON 201	*INTRODUCTION TO MICROECONOMICS	4
ECON 202	*INTRODUCTION TO MACROECONOMICS	4
ECON 411	ADVANCED MICROECONOMIC THEORY	4
ECON 415	ADVANCED MACROECONOMIC THEORY	4
ECON 423	PRE-ECONOMETRICS	4
ECON 427	INTRODUCTION TO ECONOMETRICS WITH CALCULUS	4
Select one of the following:		
ECON 428	*INTRODUCTION TO ECONOMIC RESEARCH	4
ECON 439	*PUBLIC POLICY ANALYSIS	4
ECON 466	*ECONOMICS OF TRADITIONAL AND RENEWABLE ENERGY	4
MTH 241 or MTH 251	*CALCULUS FOR MANAGEMENT AND SOCIAL SCIENCE *DIFFERENTIAL CALCULUS	4
Additional Requirements		
ECON 329	INTRODUCTION TO MATHEMATICAL ECONOMICS	4
MTH 252	INTEGRAL CALCULUS	4
MTH 254	VECTOR CALCULUS I	4
MTH 341	LINEAR ALGEBRA I	3
MTH 342	LINEAR ALGEBRA II	4
Total Hours		51

* Bacc Core Course

^ Writing Intensive Course (WIC)

All students must receive a grade of "C" (2.00) or better in all upper-division required courses and must maintain an overall grade-point average (GPA) of 2.00 in all courses taken toward the Law, Economics and Policy option. None of the 51 credits may be taken S/U. Students cannot receive credit toward the option for both ECON 311 and ECON 411, for both ECON 315 and ECON 415, and for both ECON 424 and ECON 427. No more than 4 credits of self-study courses (ECON 401–ECON 410) may be counted toward the 51 credit requirement.

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