Combining Economics with Mathematics in my degree has presented a unique opportunity to study a set of subjects that complement each other very well. On one hand, Mathematics and Statistics provide a framework in which economic analysis is regularly conducted and, as such, understanding the mathematical concepts and methods underpinning that analysis can be key to understanding its implications. On the other hand, the study of economic theory provides you with a wealth of relevant economic and social questions to which you may apply some of the more general or abstract techniques that the mathematics subject stream has taught you.

Philip Carthy
UCD Economics and Mathematics Graduate

University of New South Wales in Sydney, Australia, is one of many possible study abroad destinations.

Study Abroad
You can apply to study abroad for a semester or a year in partner universities across the globe including:

US
Italy
Germany
Netherlands
Belgium
Australia

Internships
In Year 3, you can apply for an optional internship in a range of sectors in the public and private sectors, for example:

Broadcasting
Communications
Banking
Finance
Business
Journalism

Contact Us
UCD School of Mathematics and Statistics

☎️ www.ucd.ie/mathstat
📞 +353 1 716 2581
✉️ maria.meehan@ucd.ie
Economics, Mathematics and Statistics

Year 1
Engage with the Principles
- Introduction to Economics
- Calculus
- Principles of Microeconomics
- Practical Statistics
- Combinatorics & Number Theory
- Principles of Macroeconomics
- Statistical Modelling
- Linear Algebra 1

Year 2
Deepen Your Understanding
- Intermediate Microeconomics
- Probability Theory
- Multivariate Calculus
- Intermediate Macroeconomics
- Introduction to Programming
- Linear Algebra 2
- Analysis
- Linear Models

Many additional specialist options are available in Year 3 and Year 4 and options are reviewed and updated regularly.

Year 3
Refine Your Knowledge
- Econometrics
- Advanced Microeconomics
- Time Series Analysis
- Advanced Macroeconomics
- Differential Equations
- Study Abroad Opportunity
- Internship Opportunity
- Financial Mathematics
- Statistical Data Mining

Year 4
Further Specialisation
- Data Programming
- Bayesian Analysis
- Actuarial Statistics
- Complex Analysis
- Geometry
- Group Theory and Applications
- Research Portfolio
- Specialist Economics Options

BSc Economics, Mathematics and Statistics

UCD Graduate Study and Career Opportunities

Specialise with UCD
- MSc in Applied Economics
- MA Statistics
- MA Mathematics
- MSc Data and Computational Science
- MSc Data Analytics
- MLitt
- PhD

Complementary/Conversion Master’s Degrees
- GradDip Actuarial Science
- PME Professional Masters in Education
- MSc Computer Science (Conversion)
- MSc Business Analytics
- MSc Quantitative Finance

Shape your Career
- Economist
- Financial Consultant
- Trainee Accountant
- Trainee Actuary
- Journalist
- Teacher
- Statistician
- Civil Servant

Research & Academia