Economics, Mathematics and Statistics
What will I study?

Year 1 Engage with the Principles

Introduction to Economics*	Calculus I*	Principles of Microeconomics*	Practical Statistics*
Combinatorics & Number Theory*	Principles of Macroeconomics*	Statistical Modelling*	Linear Algebra 1*
Introduction to Programming*	Calculus II*		

Year 2 Deepen Your Understanding

Intermediate Microeconomics*	Introduction to Probability*	Multivariable Calculus*	Intermediate Macroeconomics*
Algebraic Structures*	Linear Algebra 2*	Analysis*	Predictive Analytics*

Year 3 Refine Your Knowledge

Econometrics*	Complex Analysis*	Time Series*	Economics Options
Stochastic Models	Financial Mathematics	Optional Study Abroad	Optional Internship

Year 4 Further Specialisation

Multivariate Analysis	Actuarial Statistics	Statistical Machine Learning	Optimisation in Finance
Specialist Economics Options	Cryptography	Game Theory	Research Module
Advanced Predictive Analytics*			

*core

BSc Economics, Mathematics and Statistics

UCD Graduate Study and Career Opportunities

Specialise with UCD

MSc in Applied Economics
MA Statistics
MSc Data and Computational Science
MSc Data Analytics
MSc in Economics & Data Analytics
↓
MLitt
PhD
↓
Research & Academia

Complementary/Conversion Master's Degrees

GradDip Actuarial Science
PME Professional Masters in Education
MSc Computer Science (Conversion)
MSc Business Analytics
MSc Quantitative Finance
MSc Actuarial Science

Shape your Career

Economist
Financial Consultant
Trainee Accountant
Trainee Actuary
Journalist
Teacher
Statistician
Civil Servant