

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

Introduction to Programming

Introduction to Computational Social Science

Year 2

Deepen Your Understanding

Intermediate Microeconomics

Probability Theory

Multivariate Calculus

Intermediate Macroeconomics

Algebraic Structures

Linear Algebra 2

Analysis

Predictive Analytics

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

Year 3

Refine Your Knowledge

Differential Equations

Study Abroad Opportunity

Internship Opportunity

Financial Mathematics

Multivariate Analysis

Differential Equations

Study Abroad Opportunity

Internship Opportunity

Financial Mathematics

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

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

Shape your Career

Economist

Financial Consultant

Trainee Accountant

Trainee Actuary

Journalist

Teacher

Statistician

Civil Servant

→ optional