

Year 1

Engage with the Principles

Calculus

Linear Algebra

Statistical Modelling

Calculus 1

Year 2

Deepen Your Understanding

Probability Theory

Linear Models

Multivariate Calculus

Inferential Statistics

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

Years
3 & 4

Refine Your Knowledge

Time Series Analysis

Statistical Data Mining

Data Programming

Actuarial Statistics

Bayesian Analysis

Optional Internship

Optional Study Abroad

Year 4

Further Specialisation

Survival analysis

Monte Carlo

Stochastic Models

Categorical Data Analysis

Design of Experiments

Research Portfolio

BSc Social Sciences

UCD Graduate Study and Career Opportunities

Specialise with UCD Statistics

MA Statistics

MA Mathematics

MSc Data and Computational Science

MSc Data Analytics

Graduate Diploma/Msc in Actuarial Science

MLitt Mathematics & Statistics

PhD Mathematics & Statistics

Research & Academia

Complementary/Conversion Master's Degrees

MSc in Finance

MSc Computer Science

Master in Public Policy

MSc in Project Management

Professional Masters in Education

MSc in International Business & Law

MA in Geopolitics & Global Economy

MSc Management

MSc Marketing Practice

MSc Aviation Finance

Masters in Common Law

Shape your Career

Economics

Banking/ Finance

Management Consultancy

Broadcasting / Journalism / Media

Business

Research

Education

Accountancy

Policy Analysis

Investment Analysis

Financial Risk Analysis

Public Sector

Civil Service