

Year 1 Engage with the Principles

Calculus 1*

Calculus 2*

Linear Algebra 1*

Combinatorics & Number Theory*

Year 2 Deepen Your Understanding

Multivariable Calculus*

Analysis*

Algebraic Structures*

Linear Algebra 2*

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

Year 3 Refine Your Knowledge

Complex Analysis

Group Theory & Applications

Geometry

Graphs and Networks

Financial Mathematics

Optional Study Abroad

Optional Internship

Year 4 Further Specialisation

History of Mathematics

Differential Equations

Statistics & Probability

Cryptography / Coding Theory

The Mathematics of Google

Theory of Games

Research Project

*core

BSc Social Sciences

UCD Graduate Study and Career Opportunities

Specialise with UCD School of Mathematics and Statistics

HDip/ MSc Mathematical Science



MLitt

PhD



Research & Academia

Complementary/Conversion Master's Degrees

HDip/ MSc Actuarial Science

Professional Masters in Education

MSc Computer Science (Conversion)

MSc Business Analytics

MSc Data Analytics

MSc in Applied Economics

MSc Quantitative Finance

Shape your Career

Economist

Financial Consultant

Trainee Accountant

Trainee Actuary

Journalist

Teacher

Statistician

Civil Servant