

What will I study?

Year 1 Engage with the Principles

Introduction to Computational Social Science*	Statistical Modelling*	Introduction to Programming 1*	Plus core modules in any two of the following subjects: Sociology Geography Economics Politics
Linear Algebra 1*	Mathematics: Introduction*	Information and Social Media	

Year 2 Deepen Your Understanding

Calculus 1*	Probability Theory*	Introduction to Programming 2*	Continue with core and option modules in your two subjects: Sociology Geography Economics Politics
Introduction to Computational Social Science 2*	Inferential Statistics*	Digital Judgement	

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

Year 3 Refine Your Knowledge

Statistical Data Mining	Information Ethics	Web Multimedia	Continue with your two subjects: Sociology Geography Economics Politics
Introduction to Artificial Intelligence	Optional Study Abroad	Optional Internship	

Year 4 Further Specialisation

Quantitative Research Project*	Data Analysis for the Social Sciences*	Social Dynamics and Networks*	Continue with your subjects: Sociology Geography Economics Politics
Data Mining	Introduction to Creative Thinking	Spatial Information Systems	
Advanced Predictive Analytics			

*core

BSc Computational Social Science

UCD Graduate Study and Career Opportunities

Specialise with UCD School of Sociology	Complementary/Conversion Master's Degrees	Shape your Career
MSc in Social Data Analytics MSc in Sociology ↓ MLitt Sociology PhD Sociology PhD Complex Systems and Computational Social Science ↓ PhD Quantitative Social Science ↓ Research & Academia	MSc in Computer Science MSc Quantitative Finance MSc Digital Information Management MSc Management MSc Digital Marketing Masters in Common Law MSc in Data Analytics MSc in Business Analytics	Data Analyst Researcher Journalist Programmer Consultant Civil Servant