



University College Dublin
Ireland's Global University

Course code:
**W473/
W474**

MSc Politics and Data Science

(One Year Full Time or
Two Years Part Time)



Introduction

The explosion of online and social media, the proliferation of digitized information, and improved electronic access to political decision-making processes provide new opportunities to study existing and emerging political processes in various democratic and non-democratic political regimes. The simultaneous development of cutting-edge data science methods to study digital text, audio, and video provide the tools we need to take advantage of these opportunities. The MSc Politics and Data Science is designed to equip students with the

theoretical knowledge and methodological skills necessary to examine and understand politics in the digital age.

The MSc Politics and Data Science programme is organised around two streams of study. The first stream grounds students with backgrounds in political science and related social sciences in data science methods. The second stream is geared towards students with computer science or related technical backgrounds, teaching them about social science research design and

Programme Highlight

The programme shall equip students with both the theoretical overview and the empirical tools necessary to understand and engage with the brave new world of digitised politics, and the expansion in scale, types, and complexity of data available to study political phenomenon.

Programme Content and Structure

90 credits
Taught Masters

=

60 credits
Taught Modules

+

30 credits
Dissertation

Core Modules:

Stream 1

- Politics of (Mis-)Information
- Connected_Politics

Stream 2

- Introduction to Statistics
- Programming for Soc Scientists
- Connected_Politics

Please see www.ucd.ie/graduateadmissions for a full list of modules.

Core Choice Modules:

Stream 1

- Quantitative Text Analysis
- Programming for Soc Scientists
- Artificial Intelligence
- Soc Networks Online & Offline

Stream 2

- Quantitative Text Analysis
- Artificial Intelligence
- Soc Networks Online & Offline

Optional Modules:

- Politics of European Governance
- International Political Economy
- Political Behaviour in the Middle East and North Africa
- Comparative Public Policy
- Political Violence
- Peace & Conflict Studies
- Gender & the Political System
- Econ & Policy Analysis
- Qualitative Research Methods for Political Science

Why study at UCD?



Graduate Education

12,000 graduate students; 17% graduate research students; structured PhDs



Graduate Employability

Ranked no. 1 in Ireland in QS Graduate Employability ranking



Global Careers

Dedicated careers support; 2 year stayback visa to work in Ireland



Global Community

8,500 international students and 300,000 alumni network across 165 countries



Global Profile

UCD is ranked in the top 1% of higher education institutions worldwide



Welcoming Campus

Modern parkland campus with 24 hr security. Wide range of facilities, clubs, societies and supports



Career Opportunities

Graduates from this programme will be ideally equipped for careers in a large and varied set of employment sectors. The combination of a solid understanding of social science theory and the technical ability to apply advanced data-science approaches to answer questions of political and societal relevance, makes our graduates a unique addition to any data science team.

Furthermore, graduates will be well-positioned to apply for quantitative social science PhD programmes with the aim of pursuing an academic career.

Graduate Profile



Daniel Stairs
Graduate

Coming into my MSc, I felt confident about my understanding of the subject matter but that I needed to develop my methodological knowledge; particularly in newer methods such as quantitative textual analysis. The faculty at UCD helped me find my feet and have always been approachable if I had any queries or issues. I feel that all facets of life, and especially political decision making, will become dependent on the intelligent interrogation and interpretation of data.

The MSc in Politics and Data Science is perfectly timed to ensure graduates are prepared for these challenges and understand the world around them.

Applicant Profile

- This programme is intended for applicants with either a computer science or related technical degree (stream 1) or a political science or related social science degree (stream 2). An upper second class honours degree, or international equivalent is required.
- Your application will be considered on its individual merits and relevant professional experience will also be taken into account.
- Applicants whose first language is not English must also demonstrate English language proficiency of IELTS 6.5 (no band less than 6.0 in each element), or equivalent.

Fees and Scholarships

Tuition fee information is available on www.ucd.ie/fees. Please note that UCD offers a number of graduate scholarships for full-time, self-funding international students, holding an offer of a place on a UCD masters programme. Please see www.ucd.ie/global/scholarships for further information.

SPIRe also offers EU fee scholarships to graduate students. Please see www.ucd.ie/spire/study/prospectivegraduatesstudents/spiremastersgraduatescholarship for further information.

Related Masters

- MSc Politics
- MSc International Relations
- MSc International Political Economy
- MSc International Development
- MSc Business Analytics
- Social Data Science

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APPLY NOW

This programme receives significant interest so please apply early online at

www.ucd.ie/apply