Professional Certificate in Quantitative Text Analysis

(In person, 4 months part time)

Introduction

The Professional Certificate in Quantitative Text Analysis introduces students to various computational text mining methods in social science research with a focus on hands-on analysis of real texts. Students will learn to write code that extracts useful information from large textual data sets and develop an independent research project of their choosing that relies on computational text mining methods.

This course is delivered over a 12-week period allowing you to fit your study alongside work, family or other life commitments.

Programme Highlight

The Professional Certificate in Programming for Social offers students a combination of a solid understanding of social science theory with the technical ability to understand the most common data science technologies.

Course Content and Structure

This Professional Certificate comprises one 10 credit module Quantitative Text Analysis. Meetings consist of a combination of lectures and lab sessions in which students work through various text mining methods and tools.

Throughout the course, students are encouraged to work on their own interests, by developing an in-depth research project that relies on computational text mining techniques.

Career Opportunities

Graduates from this programme will be ideally positioned to apply their newly acquired computational text-mining skills to redirect their careers in government, think tanks, political campaigns, interest groups, and the civil service. Furthermore, the combination of a solid understanding of social science theory with the technical ability to explore large text data sets, brings a unique addition to any data science team, in the corporate sector, the nonprofit sector, or within IT companies.

Graduate Profile

Tomás Maher
Graduate

This QTA course was a great way of learning about established methods as well as new and emerging methods to analyse textual data. Since finishing this course I've already used the skills I've learned to analyse the captions of YouTube videos at scale and to analyse political manifestos.

Why study at UCD?

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

Graduate Employability
#1
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
TOP 1%
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