



University College Dublin
Ireland's Global University

MSc Statistics (One Year Full Time)

Ireland is home to over 250 global financial institutions. There are opportunities for MSc in Statistics graduates in industry, government, IT, economics and finance. On completion of this MSc in Statistics, you will have skills such as the ability to demonstrate in-depth understanding of statistical concepts, apply basic statistical reasoning, apply techniques and models in the analysis of real data and employ technical computing skills.

The UCD MSc in Statistics is aimed at students who have an undergraduate degree in Statistics or a degree in a discipline related

to Statistics with numerate skills. It consists of a mixture of compulsory and optional modules and a major project. Compulsory modules are intended to ensure all students have appropriate basic statistical skills, knowledge and experience, while optional modules provide depth and exposure to the diverse range of statistical applications and methods. This latter aspect provides students with the opportunity to specialise in specific areas. The major project provides students with the chance to work extensively on either theoretical or practical problems.

The UCD MSc in Statistics is fully accredited by the Royal Statistical Society.

Why study at UCD?



Tradition

Established 1854, with 160 years of teaching & research excellence



Global profile

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



Global community

Over 6,000 international students from over 120 countries study at UCD



Global careers

Degrees with high employability; dedicated careers support; 1 year stay-back visa



Safety

Modern parkland campus with 24 hour security, minutes from Dublin city centre

Course Content and Structure

90 credits
taught masters

60 credits
taught modules

30 credits
research project/task

Modules include:

- Mathematical Statistics
- Monte Carlo Inference
- Actuarial Statistics
- Survival Analysis
- Data Mining
- Time Series
- Multivariate Analysis
- Linear Models with Complex Structure
- Experimental Design

Please see online for a full list of modules.



Career Opportunities

Career prospects on completion of the MSc in Statistics are excellent. Many graduates pursue careers in the pharmaceutical industry and career opportunities also exist in banking, finance and risk management.

There is also an increase in demand for statisticians from the IT sector. In addition, many government departments employ statisticians. Some past students embarked on a career in academia by proceeding to study for a PhD in Statistics. Former MSc and MA students are currently working for companies such as Google, Western Union, AIB, Norbrook, EY, O2, SPSS. Demand for graduates continues to be strong both in Ireland and abroad.



Apply Now

This programme receives significant interest so please apply early online at www.ucd.ie/international/apply

Entry Requirements

- This programme is intended for applicants who hold a degree in Statistics or a cognate subject area. An upper second class honours, or international equivalent is required.
- Those who have been awarded an upper second class honours or higher in the Higher Diploma in Statistics are eligible for the programme.
- Alternatively students may qualify for enrolment for the four semester MA in Statistics which brings them to the same level as the MSc in Statistics.
- 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.

International 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/international/scholarships for further information.

Additional Course Delivery Options

- MSc in Statistics 2 Year Part Time

Related Masters Programmes of Interest

- MA Statistics
- Higher Diploma Statistics
- MSc Actuarial Science
- MSc Data Analytics (Online)

Graduate Profile

Stephen Sah, Biostatistician,
Monaghan Mushrooms R&D
Department, Ireland

The MSc degree in Statistics in UCD prepared me well for my current job. The combination of classroom work and analysis of real-world data using current statistical tools, make this course exceptional. The lecturers were more than helpful, both inside and outside the classroom, in assisting me whenever I had difficulties with my studies. I chose to study in UCD because of the interesting modules they offered. Now, my plan is to gain as much work experience as possible and hopefully obtain a doctoral degree.

Contact Us

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