



University College Dublin
Ireland's Global University



MSc in Quantitative Economics (One Year Full Time)

This one-year course provides high quality quantitative training in economics, a focus on advanced research methods and a supervised research thesis. Students get a rigorous grounding in using mathematical and statistical methods to derive, test and apply formal economic models. The course prepares students for PhD-level study in economics or obtaining employment as a professional economist in jobs requiring the application of analytical methods to economic problems. Students have the ability to switch after first term to our MSc in Applied Economics, which includes the option of a summer internship.

The School of Economics recognises that quality teaching at the graduate level requires staff that are actively engaged in research of the highest calibre. This programme features small group teaching from leading economists and a supportive environment. Masters students are an integral part of our School community, attending research seminars and receiving a wide range of supports to help them prepare for the research thesis element of their degree.

Ireland's leading school of economics

UCD School of Economics is Ireland's leading economics department. Our staff are experts with international reputations in a wide range of topics such as macroeconomics, econometrics, applied microeconomics, international trade and health economics. School members have done significant work in developing and applying advanced research methods and they bring this expertise into the classroom so that Masters students learn to apply cutting edge methods to research questions.

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 for Non-EU students



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
dissertation

In your first term, you will take the following modules:

- Microeconomics
- Macroeconomics
- Econometrics
- Research Skills

With the approval of the course directors, students can substitute a module in Data Programming from the School of Mathematics and Statistics for Research Skills.

In your second term, you take the following core modules:

- Advanced Microeconomics
- Advanced Macroeconomics
- Advanced Econometrics

You will also take one module from the following list:

- Welfare Economics and Public Finance
- Health Economics
- International Trade
- Energy Economics and Policy

Alternatively, with the approval of the course directors, students can take an advanced module from the School of Mathematics and Statistics such as Bayesian Analysis or Statistical Data Mining.

In the summer term, you will do a supervised research thesis.





Course code: W352

Career Opportunities

Graduates work in public-sector bodies and regulatory agencies, and private-sector financial and consultancy organisations in roles including economist, chartered and certified accountant, policy analyst, investment analyst and financial risk analyst.



To give some examples, our graduates now work in the Central Bank of Ireland, Irish government departments, The Economist, Citi, Microsoft, Hewlett-Packard Financial Services, JPMorgan, GE Capital, Bank of America and Asian Development Bank. Many have risen to senior positions including Deputy Governor of the Central Bank of Ireland.



Graduate Profile

Enda Patrick Hargaden,
PhD Candidate,
University of Michigan

The key advantage of UCD's masters programmes is the choice offered in the second semester between the courses designed to prepare students for a PhD and the courses with a more applied focus. This approach introduces students to graduate level economics before they decide which path they wish to pursue. In addition, the research component allows students to take full advantage of the calibre of faculty in the UCD School of Economics. I have no hesitation in recommending these programmes.

Fees Fee information at www.ucd.ie/fees

Entry Requirements

- A primary degree with at least an upper second class honours or international equivalent in Economics, or in another degree that has strong theoretical and quantitative content such as Maths, Physics, Engineering or Computer Science, is required.
- An upper second class honours in a Higher Diploma in Economics.
- 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.

Contact Us

EU Students

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International Students

www.ucd.ie/international
internationaladmission@ucd.ie
Visas / Funding / Scholarships / Accommodation

Related Masters

MSc in Applied Economics
MSc Quantitative Finance
MA Statistics

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