## University College Dublin
### Ireland's Global University

# MSc Computer Science (Negotiated Learning)
## (1 Year Full Time)

Ireland is home to the world's top 10 technology companies. It is known as the Internet and Games Capital of Europe and is among the world's most technologically developed nations. There are excellent job opportunities, with thousands of job vacancies in the sector at present.

The UCD MSc in Computer Science is a uniquely flexible and innovative programme. It offers a negotiated learning (NL) model for students with an ICT background that allows you to customise your learning path and to tailor what you learn to your own specific needs and career aspirations. Module choices include several programming languages, cloud computing, bioinformatics, data mining, machine learning and robotics.

Once you are accepted onto the programme we will guide you through a student needs assessment to establish your prior experience, personal knowledge gaps and your career plans. You have the option to select modules with a very specific thematic focus or you may select modules from one of the pre-defined thematic streams covered by the programme.

## Key Fact

Currently there are more than 100 module options offered in conjunction with the UCD Schools of Business, Physics, Information & Library Studies, Mathematics and Statistics, Philosophy, Psychology, Law and The NovaUCD Innovation and Technology Transfer Centre.

# 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 practicum/project |
| --- | --- | --- |

While the programme offers some modules that are taught online, these options are limited, and it is not normally possible to complete this degree without substantial regular attendance at day-time lectures and practicals on campus in UCD.

Samples of thematic streams include:

• Internet of Things

• Data Science

• Software Engineering

• Artificial Intelligence and Cognitive Science

Modules and topics shown are subject to change and are not guaranteed by UCD.

## Career Opportunities

Previous graduates are in demand and among their recent career destinations are employers Google, SAP, Intel, PayPal, Deloitte, Microsoft, Symantec, HMH, Vilicom, Murex, NYSE Technologies, Realex Payments, Version1, Salesforce, Pfizer, Ericsson, and Intune Networks. Recent graduates have secured roles in areas including: hardware design, software engineering & QA, data programming & analysis, commercialisation of technology, teaching & training, senior management & CEO roles, security & forensics consultancy, and bioinformatics R&D.

## Fees and Scholarships

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

## Apply Now

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

## Accommodation

UCD has accommodation for over 2,500 students across five locations. Places are limited and more information is available at www.ucd.ie/residences/
For information and advice on living off campus, please contact the UCD Residences Off-Campus Office or the UCD Student Union Accommodation Services. Please visit www.ucd.ie/residences/accommodation-booking-support/ for further details.

## Entry Requirements

- This programme is intended for applicants with a Computer Science or ICT background. An upper second class honours degree, or the international equivalent, in computer science or a related area, or a minimum of three years' relevant industrial work experience, is required.
- 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.

## Additional Course Delivery Options

- MSc Computer Science (Negotiated Learning) 2 Year Part Time

## Graduate Profile

### Ahmed Yawer, Equifax Technology

Since I was a child, I dreamed about doing my higher education at one of the finest, well-known universities in the world. My dream came true when I got the chance to do my Masters degree in Computer science (Negotiated Learning) at UCD, Ireland.
Doing that course was a huge step forward in my career. After the completion of the course, I secured a full-time job as programmer at Equifax technology. The Negotiated Learning course is very special as it gave me the freedom to pick the modules I wanted to study, so I was able to study what I loved and what I needed. UCD is a very nice big modern campus with all kinds of activities and facilities including a gym, Olympic pool and much more.

## Related Masters Programmes of Interest

- MSc Data & Computational Science
- ME Electronic & Computer Engineering
- MSc Digital Investigation & Forensic Computing
- MSc Information Systems

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