



University College Dublin
Ireland's Global University

COURSE CODE: T150

MSc Computer Science

(Negotiated Learning) (1 Year Full Time/2 Years Part Time)

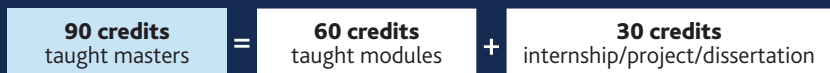
The MSc Computer Science (Negotiated Learning) is a uniquely flexible and innovative programme. It offers a negotiated learning model for students with an ICT background that allows you to customise your learning path and to tailor what you learn to your own specific needs and career aspirations. Module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

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 themes covered by the programme.



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Course Content and Structure



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 themes include:

- Artificial Intelligence and Cognitive Science
- Computer Engineering
- Data Manipulation and Visualisation
- Prediction and Learning with Data
- Data Science Programming
- Distributed Computing
- Mathematics and Statistics
- Software Engineering
- Advanced Software Engineering
- Forensics and Security

Currently there are approximately 100 module options offered in conjunction with other UCD Schools and Units including Business, Physics, Mathematics and Statistics, Psychology, Law and NovaUCD.

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

APPLY NOW

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



Entry Requirements

- This programme is intended for applicants with a strong Computer Science or ICT background.
- 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, such as TOEFL (iBT) score of 90 or PTE score of 63. Visit the UCD Admissions website for further details.



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, Version 1, 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.

Graduate Profile

Ahmed Yawer, Equifax Technology

The programme was a huge step forward in my career. After the completion of the programme, I secured a full-time job as a programmer at Equifax Technology. The MSc Computer Science (Negotiated Learning) course 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.

EU ENQUIRIES

Travis Grotewold ✉ : travis.grotewold@ucd.ie
www.ucd.ie/courses/msc-computer-science-negotiated-learning

NON-EU ENQUIRIES

✉ : internationalenquiries@ucd.ie
www.ucd.ie/global