

COURSE INFORMATION

MSC IN APPLIED COMPUTING (STRUCTURED RESEARCH) (NFQ LEVEL 9)

STARTING JANUARY 2018

v.16 Nov. 2017

MSC IN APPLIED COMPUTING (STRUCTURED RESEARCH) (NFQ LEVEL 9)

120 credits – Applied Research

Who is this course for?

This course is for Computing and IT Professionals working in an organisation who want to bring themselves to the next level in a current theme in the field of Information Technology/ Computing. The balance of this structured programme is such that the research project/ dissertation is the majority of the learning on the programme. The stated intention is to develop research and development skills in the individuals undertaking the programme. At the same time individuals undertaking the programme may support their research and career development by taking 30 credits of taught modules including research methods.

Entry Requirements

A BSc (Hons) in Computing (Level 8), 2nd class honours grade 2 (2.2) minimum or an Honours Bachelor's Degree (Level 8) in a scientific, mathematical or engineering discipline, 2nd class honours grade 2 (2.2) minimum, subject to relevant work experience. All applicants must have competence in spoken and written English in accordance with Institute admissions regulations. Candidates may be interviewed to determine eligibility.

Who can apply

This course is open to all eligible students

Course Summary

This programme is a Thematic Masters programme for those working in industry and provides a structured programme for those in industry wishing to learn research skills while maintaining their employment and career. The job market in Ireland has been excellent for Computing graduates for the past decade meaning that the vast majority of Irish Computing graduates elect to straight into high paid employment rather than gaining a research qualification. With this award there will be opportunities for graduates from Irish HEIs to gain research skills and experience while in employment. Themes which the department can support include, but aren't limited to, applications of Machine Learning/ Artificial Intelligence, Data Analysis, Social Media Research, Computational Linguistics, Information Security, eLearning, Advances Software Development Processes, Advanced Infrastructure Analysis, IT Architecture among others. Several candidates have already expressed interest in this programme.

Students take three modules from the available listing, one of which must be Research Methods. Modules to be taken and thesis areas must be agreed with the course admissions committee. Generally students select modules to support their research work and career development.

Course Timetable

18-24 months



EUROPEAN UNION
Investing in your future
European Social Fund



HEA | HIGHER EDUCATION AUTHORITY
AN tÚDARÁS um ARD-OIDEACHAS

COURSE INFORMATION

AVAILABLE MODULES

Jan-18
Research Methods II (Campus)
Data Analytics & Machine Learning (Campus)
Software Dev & Process Management (Campus)
Human Skills for IT (Online)
Quality Attributes for IT Arch (Online)
Business Technology Strategy (Online)
Sep-18
Research Methods I (Campus)
Mobile App Design and Development (Campus)
Web Semantics and Information Mining (Campus)
Business Technology Strategy (Online)
IT Environment (Online)
IT Architecture Desg. (Online)
Jan-19
Research Methods (Campus)
Business Intelligence (Campus)
Cloud and Virtualised Infrastructure (Campus)
Human Skills for IT (Online)
Quality Attributes for IT Arch (Online)

KEY DATES

Information Session January 11th 2018
(17:30-19:30)

INDUCTION 24th January 2018

CLASSES BEGIN W/B 29th January 2018

CLASSES FINISH 28th April 2018

EXAMS START 8th May 2018

EXAMS FINISH 17th May 2018

RESULTS 13th June 2018

The M. Sc. Applied Computing Research, co-ordinated by Dr. John Cardiff.

How to Apply

1. Post Graduate Scholarships

This course is part of IT Tallaght's Post-graduate Scholarships for IT Tallaght Business Partners for students working for or supported by Institute Business Partners. It is open for student enrolment from 15 December 2017 to 1 March 2018. For more information please read :

- (i) Postgraduate Research Scholarship for IT Tallaght Business Partners

[Expression of Interest Form](#)

- (ii) [Post-graduate Scholarships for IT Tallaght](#)

2. Students (self- funding)

Please apply through www.it-tallaght.ie

Total cost of course is €12,000

Please Note

You will be required to pay a €100 application fee with your application. If you are not offered a place on the course your application fee will be refunded. If you are offered a place on the course your fee will be put towards you full course fees. If you do not accept the offered place you will forfeit the application fee.

The balance of fees due are as follows:
On acceptance of place - €2900 (yr 1)
Payment of full fees prior to completion and award

For further information – course specific

Please Contact: john.cardiff@it-tallaght.ie
or
barry.feeney@it-tallaght.ie

For queries on the application process

Please contact LLL@it-tallaght.ie or phone the Lifelong Learning Team @ 01-4042101