

COURSE INFORMATION

MSc IN DISTRIBUTED AND MOBILE COMPUTING (NFQ LEVEL 9)

STARTING JANUARY 2018

v.16 Nov. 2017

MSc IN DISTRIBUTED AND MOBILE COMPUTING (NFQ LEVEL 9)

2 years part time -90 credits

Who is this course for?

This programme in Distributed and Mobile Computing is a taught masters programme (NFQ Level 9) which provides an opportunity for IT professionals to enhance and update their knowledge of the latest technologies and research activities within the important fields of Distributed and Mobile Computing

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.

Course Timetable

The course runs 3 evenings a week (Monday, Tuesday and Wednesday)

Who can apply

This course is open to all eligible students

Course Summary

The programme covers topics in Mobile Apps Development, Scalability, Networking, Cloud Computing and Virtualisation, and Business Intelligence and Data Analytics among other current topics. Participants complete a 30 credit dissertation, with the aim of producing research work of a sufficient standard to publish. Graduates of the programme report obtaining new positions and promotions as a result of participating in the programme. The wide elective choice is designed to allow participants decide which modules are more relevant to them.

Modules

(All core modules must be completed, students can choose electives as available)

Research Methods (Core)
Dissertation (Core)
IT Strategy, Innovation and Governance (Core)
Mobile Applications Design & Development
Scalable Computing (Elective)
Information Security - Vulnerabilities and Defences (Elective)
Network Analysis & Design (Elective)
Web Semantics and Information Mining (Elective)
Software Development and Process Management (Elective)
Cloud and Virtualised Infrastructure (Elective)
Business Intelligence with Analytics (Elective)
Technology Law (Elective)
Strategic Management & Finance (Elective)
Simulation & Visualisation (Elective)



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Career Opportunities

This programme has been developed by the Department of Computing following extensive consultation with senior industry representatives and academia. This qualification opens up a wide range of career possibilities. Potential careers paths include: senior software developer/technical architecture for large scale distributed and mobile computer applications; software project manager; network design engineer; systems security specialist; information officer; cluster and grid computer hardware specialist; and research and development engineer.

How to Apply

1. Students apply directly to IT Tallaght

Please apply through www.it-tallaght.ie

Total cost of course (60 credits) is €5000
(€1750 year 1 and €3250 year 2)

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 - €550
Payment of full fees due by 31 March 2018.

KEY DATES

Information Session	January 11 th 2018 (17:30-19:30)
INDUCTION	24 th January 2018
CLASSES BEGIN	W/B 29 th January 2018
CLASSES FINISH	28 th April 2018
EXAMS START	8 th May 2018
EXAMS FINISH	17 th May 2018
RESULTS	13 th June 2018

For further information - course specific enquiries

Please Contact: barry.feeney@it-tallaght.ie

For queries on the application process

Please contact LLL@it-tallaght.ie or phone the

