FACULTY OF ENGINEERING AND COMPUTING

Programme Regulations 2018-2019

Programme Title:	**MSc in Computing**
Programme Code	**MCM**
Offered on a full-time or part-time basis	**Full Time (01)** **Part Time (02)**

Note: *Programme Regulations should be read in conjunction with Marks and Standards which can be found at http://www.dcu.ie/registry/examinations/index.shtml*

1. Programme Specific Rules and Requirements

1.1 Calculation for the Award Classification

To be eligible to graduate with the award of MSc in Computing, candidates must pass 90 credits of modules in this programme, including a 30 credit Level 9 project. In this programme, the word "major" means that a substantial proportion of a student's course of study is taken in a specialized subject area.

Students may graduate with an MSc in Computing with a Major in Software Engineering, Security and Forensic Computing, Cloud Computing or Data Analytics, provided that they: (1) pass the project deemed to be in the area of the Major, (2) they pass the 30 credits of taught modules at Level 9 deemed to be in the area of the Major and (3) they pass all the modules, which have deemed to be required (core) modules for the Major.

1.2 Modules and Credit Weightings

The precision mark is normally defined as the overall weighted average for the first full presentation of marks. Modules are normally weighted proportionately according to their credit value. As there exceptions on this programme, listed below are the proportional weightings in percentage terms of every module for the calculation of the precision mark.

Module	Module Weighting	Module Percentage Contribution
All 7.5 credit	150	80%
30 credit project	300	20%

2. Derogations from Marks and Standards

Marks and Standards apply.

3. Progression

Part-time students are allowed to retake failed modules in their second year, unless specific problems with (for example) prerequisites exist. After first year, part time students, who failed modules are allowed to select which modules they will take, subject to the requirement that they must take a minimum of four modules a year and may not carry more than one additional module per semester, and given that the module is offered/examined in that period.

There will be no special timetable arrangements for students who choose to carry failed modules into their second year of study.

4. Compensation

Marks and Standards apply.

5. Resit Categories

The resits offered for the August examinations diet vary depending on the module to be re-taken. The following is an explanation of the resit categories.

Resit category 1: A resit is available for all components of the module

Resit category 2: No resit is available where the module is 100% assessed by Continuous Assessment

Module Code	*Module Title*
CA617	Practicum (Security and Forensic Computing)
CA617A	Practicum
CA623A	Practicum
CA623A	Practicum
CA676	Practicum (Cloud Computing)
CA679	Practicum (Human Language Technology)
CA685	Data Analytics Practicum

Resit category 3: No resit is available for the continuous assessment component and the examination must be re-taken.

Module Code	*Module Title*
CA644	System Software
CA644A	System Software
CA646	P-Key Cryptography & Sec Protocols
CA646A	P-Key Cryptography & Sec Protocols
CA660	Statistical Data Analysis
CA660A	Statistical Data Analysis
CA670	Concurrent Programming
CA670A	Concurrency & Distributed Systems
CA674	Cloud Architectures
CA674A	Cloud Architectures
CA675	Cloud Technologies
CA675A	Cloud Technologies
CA681	Statistical Machine Translation
CA681A	Statistical Machine Translation
CA682	Data Management and Visualisation
CA682A	Data Management and Visualisation
CA684	Machine Learning
CA684A	Machine Learning