Programme Regulations: 2022/23

Programme Title:
MSc Digital and Technology Solutions Specialist Integrated Degree Apprenticeship – Software Engineering Specialist (Semester 2 Start)
Code: 5458P

Notes
(i)   These programme regulations should be read in conjunction with the University's Postgraduate (Taught) Progress Regulations and Examination Conventions.
(ii)   A core module is a module, which a student must pass.
(iii)   A compulsory module is a module, which a student is required to study.

1.   Programme Structure
(a)   The programme is available for study in degree apprenticeship mode only
(b)   The period of study for degree apprenticeship mode shall normally be 24 months. The academic year commences each February with Semester 2. This programme commences mid academic year, as such candidates shall initially take modules delivered in semesters 2 -3 The programme comprises modules to a credit value of 180.
(c)   All candidates shall take the following compulsory modules:

1.   Stage 1/Year 1
All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Type	Mode
CSC8425	Business Applications	20	10		10	7		Linear
CSC8427	Introduction to Software Development	10		10		7		Linear
CSC8428	Software Development Lifecycle	20	20					Linear
NBS8416	Digital Technologies and Innovation Management	20		20		7		Linear
NBS8417	Leadership and Change in a Digital Age	20			20	7		Linear

2.   Stage 1/Year 2
All candidates shall take the following compulsory modules in the second year of the programme:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Type	Mode
CSC8426	Emerging Technologies	20		20		7		Linear
CSC8429	Capstone project for Software Engineering Degree Apprenticeship	60	30		30	7		Linear
CSC8430	Ethics and Security	10		10		7		Linear

2. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.

3. Other

This programme is the degree element of a degree apprenticeship, specified in the degree apprenticeship standard ST0482 of the Institute for Apprenticeships. The programme is designed to produce graduates who will be capable in theoretical and, especially, practical aspects of their subject and it is essential that only apprentices of equally high calibre in both aspects of the programme are eligible for merit and distinction awards.

Course requirements
A number of areas in which specific regulations have been defined for this programme, and approved by the Faculty Education Committee, are documented below, and in these areas these provisions take precedence over other University regulations.

Progression within the MSc degree in Software Engineering
Two assessed components comprise the MSc degree in Software Engineering
- Component 1: individual 20 and 10 credit modules.
- Component 2: 60 credits individual capstone project module.

In order to be permitted to start Component 2 a candidate must:
- Obtain a weighted average mark for Component 1 of at least 50 and have failed no more than 20 credits.

In order to be permitted to start the End Point Assessment the pre-requisite gateway requirements for EPA must have been met and they can be evidenced to the EPA organisation:
Gateway Requirements
- The opinion of the employer is that the apprentice is ready for the end-point assessment

- Completion of all the modules in the MSc Digital and Technology Solution Specialist programme – Software Engineering Specialism
- Pass Level 2 English and Maths
- Complete and pass a capstone project of 60 credits
- Confirmation that the apprentice has produced a portfolio in relation to evidencing the core skills, knowledge and behaviours towards the end of the apprenticeship.

Award of the Apprenticeship
Apprenticeship Grading Performance in the EPA will determine the apprenticeship grade of pass, merit, distinction or fail. Each end-point assessment method will be marked and graded, and each should be passed. The individual grades will then be aggregated to produce the final apprenticeship grade. To gain an apprenticeship pass or higher grade, the apprentice must achieve a minimum of a pass in each method. An apprenticeship pass represents full competence against the standard. A grade of merit or distinction means an apprentice is demonstrating competence above the standard.

Award of the MSc degree in Software Engineering
To obtain the MSc degree, candidates must satisfy the examiners in both assessed components as follows.
- A student will be recommended for the *award of MSc with Distinction* if they have achieved a pass mark in 180 credits with a weighted average mark across all 180 credits of at least 70 and have a Component 2 mark of at least distinction.
- A student will be recommended for the *award of MSc with Merit* if they have achieved a pass mark in 180 credits with a weighted average mark across all 180 credits of at least 60 and have a Component 2 mark of at least merit.
- A student will be recommended for the *award of MSc* if they have achieved a pass mark in at least 160 credits with a weighted average mark across all 180 credits of at least 50 and a pass mark in Component 2.

Apprentices cannot successfully complete the master's degree without passing the EPA and vice versa.