Programme Regulations: 2021/22

Programme Title: MSc Digital and Technology Solutions Specialist Integrated Degree Apprenticeship - Cyber Security Specialist

Code: 5418P

Notes
(i)   These programme regulations should be read in conjunction with the University's Taught Programme Regulations.
(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 2 years starting in September.
(c)   The programme comprises modules to a credit value of 180.
(d)   All candidates shall take the following compulsory modules:

2.1   Stage 1/Year 1
(a)   All candidates starting in academic year 21/22 shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Type	Mode
CSC8207	Security Analysis of Complex Systems	10		10		7		Block
CSC8411	The Challenge of Dependable Systems	10	10			7		Block
CSC8414	Security Tools and Analysis	20	20			7		Block
CSC8415	Strategic Case Studies	20		10	10	7		
NBS8416	Digital Technologies and Innovation Management	20			20	7		Block
NBS8417	Leadership and Change in a Digital Age	20		20		7		Block

2.2   Stage 2/Year 2
(a)   All candidates who started the programme in academic **year 20/21** 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
CSC8411	The Challenge of Dependable Systems	10	10			7		Block
CSC8412	System Security	10	10			7		Block
CSC8413	Information Security and Trust	10	10			7		Block
CSC8419	Capstone Project for Cyber Security Degree Apprenticeship	60		30	30	7		

(b)   All candidates starting in academic year 21/22 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
CSC8412	System Security	10	10			7		Block
CSC8413	Information Security and Trust	10	10			7		Block
CSC8419	Capstone Project for Cyber Security Degree Apprenticeship	60		30	30	7		

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 students of equally high calibre in both aspects of the programme are eligible for merit and distinction awards. Therefore, the regulations are as follows:

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

Progression within the MSc degree in Cyber Security
Two assessed components comprise the MSc degree in Cyber Security:
*   Component 1: individual 10-credit and 20-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 – Cyber Security Specialism
*   Pass Level 2 English and Maths
*   Complete 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 Cyber Security
Apprentices cannot successfully complete the master's degree without passing the EPA and vice versa.

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 70.
- 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 60.
- 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.