

# MSC (COMPUTING SCIENCE)

## Programme Requirements

**Code Title Credits**

Students take **90** credits as follows - taught modules (**60** credits) and a research dissertation (**30** credits):

### Taught Modules

Students take **60** credits as follows – all listed core modules (**30** credits) and elective modules to the value of **30** credits:

#### Core Modules

CS6403	Case Studies in Computing Entrepreneurship	5
CS6408	Database Technology	5
CS6409	Information Storage and Retrieval	5
CS6410	Project Development Skills	5
CS6422	Complex Systems Development	5
CS6423	Scalable Computing for Data Analytics	5

#### Elective Modules

Students take modules to the value of **15** credits from Group I and Group II respectively:

#### Group I

Students take modules to the value of **15** credits from Group I: 15

CS6314	Mobile Applications Design (5)	
CS6322	Optimisation (5)	
CS6325	Network Security (5)	
CS6327	Internet of Things: Technology and Application (5)	
CS6420	Topics in Artificial Intelligence (5)	
CS6311	Mobile and Wireless Networks (5)	
CS6302	Quantum Computing Concepts (5)	

#### Group II

Students take modules to the value of **15** credits from Group II: 15

CS6315	Mobile Systems Security (5)	
CS6317	Multimedia Technology in Mobile Networks (5)	
CS6319	Applied Machine Learning (5)	
CS6405	Datamining (5)	
CS6421	Deep Learning (5)	

### Dissertation

Students take **30** credits as follows:

#### Core Modules

CS6400	Dissertation in Computing Science	30
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**Total Credits 90**