

M.Sc. in Computing
Course Short Code
MCM
Course Year
1
Course Offering: 02

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M.Sc. in Computing, Year 1, Part-Time

*****IMPORTANT MESSAGE*****

The purpose of this information sheet is to allow you view all modules connected to the Qualification, optional and core. You should print this sheet out and then continue to the next step where your registration will take place.

It is your responsibility to ensure that you register correctly

You must Major in only one of the following 5 areas, you cannot change your choice of Major at a later stage:

1. MSc in Computing (Major in Secure and Software Engineering)
2. MSc in Computing (Major in Data Analytics)
3. MSc in Computing (Major in Artificial Intelligence [Future Learn])
4. MSc in Computing (Major in Blockchain - Distributed Ledger Technologies [Future Learn])
5. MSc in Computing (FinTech and Technology Innovation)

CORE MODULES

1. TO MAJOR IN SECURE AND SOFTWARE ENGINEERING

Requirements:

- In Year 1 you must only register for a total of 30 credits
- You must take 15 credits of core modules per semester

Register for all of the following compulsory modules:

SEMESTER 1

CA642	Cryptography & Number Theory	7.5 Credits
CA688	Blockchain: Basics & Applications	7.5 Credits

SEMESTER 2

CA645	Network Security	7.5 Credits
CA650	Software Process Quality	7.5 Credits

2. TO MAJOR IN DATA ANALYTICS

Requirements:

- In Year 1 you must only register for a total of 30 credits
- You must take 15 credits of core modules per semester

Register for all of the following compulsory modules:

SEMESTER 1

CA660	Statistical Data Analysis	7.5 Credits
CA675	Cloud Technologies	7.5 Credits

SEMESTER 2

CA683	Data Analytics and Data Mining	7.5 Credits
CA652	Artificial Intelligence, Information and Information Seeking	7.5 Credits

3. TO MAJOR IN ARTIFICIAL INTELLIGENCE [FUTURE LEARN]

Requirements:

- In Year 1 you must only register for a total of 30 credits
- You must take 15 credits of core modules per semester

Register for all of the following compulsory modules:

SEMESTER 1

CA640i	Professional & Research Practice	7.5 Credits
CA686i	Foundations of Artificial Intelligence	7.5 Credits

SEMESTER 2

CA683i	Data Analytics and Data Mining	7.5 Credits
CA684i	Machine Learning	7.5 Credits

4. TO MAJOR IN BLOCKCHAIN - DISTRIBUTED LEDGER TECHNOLOGIES [FUTURE LEARN]

Requirements:

- In Year 1 you must only register for a total of 30 credits
- You must take 15 credits of core modules per semester

Register for all of the following compulsory modules:

SEMESTER 1

CA640i	Professional & Research Practice	7.5 Credits
CA642i	Cryptography and Number Theory	7.5 Credits

SEMESTER 2

CA687i	Cloud Systems	7.5 Credits
CA688i	Blockchain: Basics and Applications	7.5 Credits

Last updated: 22nd June 2023