

Masters of Engineering in Electronic & Computer Engineering

Course Short Code

ECEIM

Course Year

5

Course Offering: 01

[Print PDF](#)

**** 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.

Masters of Engineering in Electronic & Computer Engineering

Students must complete all modules for Major

Advanced Data Networks

Core Modules

		7.5 Credits
EE500	Network Performance	7.5 Credits
EE507	Entrepreneurship for Engineers	7.5 Credits
EE509	Data Network Protocol Analysis and Simulation	7.5 Credits
EE5001	Security for Internet of Things and Edge Networks	7.5 Credits
EE5005	Advanced Data Networks Masters Project	15 Credits

Optional Modules

Semester 1

Choose one of the following

EE506	Photonics Devices	7.5 Credits
EE515	Real-Time Digital Signal Processing (DSP)	7.5 Credits
EE521	Future Network Architectures	7.5 Credits

Semester 2

Choose one of the following

EE517	Networks Analysis and Dimensioning	7.5 Credits
EE562	Network Stack Implementation	7.5 Credits

IoT (Internet of Things)

Core Modules

EE500	Network Performance	7.5 Credits
EE507	Entrepreneurship for Engineers	7.5 Credits
EE513	Connected Embedded Systems	7.5 Credits
EE514	Data Analysis and Machine Learning	7.5 Credits
EE516	Blockchain Scalability	7.5 Credits
EE5004	Internet of Things Masters Project	15 Credits

Optional Modules

Semester 2

Choose one of the following

EE562	Network Stack Implementation	7.5 Credits
EE5001	Security for Internet of Things and Edge Networks	7.5 Credits

Digital Interaction

Core Modules

EE453	Image Processing & Analysis (Plus)	7.5 Credits
EE500	Network Performance	7.5 Credits
EE507	Entrepreneurship for Engineers	7.5 Credits
EE513	Connected Embedded Systems	7.5 Credits
EE514	Data Analysis and Machine Learning	7.5 Credits
EE544	Computer Vision	7.5 Credits
EE5006	Digital Interactions Masters Project	15 Credits

Nanotechnology and Photonics

Core Modules

EE506	Photonics Devices	7.5 Credits
EE507	Entrepreneurship for Engineers	7.5 Credits
EE508	Device Manufacturing	7.5 Credits
EE518	Photonics Applications and Technologies	7.5 Credits
EE559	Nanoelectronics Technology	7.5 Credits
EE5007	Nanotechnology and Photonics Masters Project	15 Credits

Optional Modules

Semester 1

Choose one of the following

EE514	Data Analysis and Machine Learning	7.5 credits
EE515	Real-Time Digital Signal Processing (DSP)	7.5 Credits
EE535	Energy System Decarbonisation	7.5 Credits

Last updated: 5th July 2023