

BEng in Electronic and Computing Engineering

Course Short Code

ECE

Course Year

4

Course Offering: 01

[Print PDF](#)

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\*\*\*\* 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.

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## Core Modules

### Semester 1

**All students must choose the following core modules**

EE402	OOP with Embedded Systems	7.5 Credits
EE458	Control Systems Analysis	5 Credits
EE496	Computer Architecture & HDL	5 Credits

### Semester 2

EE401	DSP-Digital Filters & DFT	5 Credits
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## Optional Modules

### Year Long

UM405	Uaneen Non-Contributing Module	5 Credits
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**Students must choose a set of optional modules depending on the major**

### Major in systems and Devices

### Year Long

EE467	Systems and Devices Project	15 Credits
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### Semester 1

EE463	Solid State Electronics & Semiconductor Devices	7.5 Credits
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### Semester 2

EE454	Optical Communications System Design	7.5 Credits
EE459	Mechatronic System Simulation & Control	7.5 Credits

## Major in the Internet of Things (IoT)

### Year Long

EE464	Project: Internet of Things	15 Credits
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### Semester 1

EE452	Wireless/Mobile Communications	7.5 Credits
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### Semester 2

EE417	Web Application Development	7.5 Credits
EE445	Bioelectronics	7.5 Credits

## Major in Digital Interaction

### Year Long

EE466	Digital Interaction Project	15 Credits
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### Semester 1

EE453	Image Processing & Analysis (Plus)	7.5 Credits
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### Semester 2

EE417	Web Application Development	7.5 Credits
EE497	3D Interface Technologies	7.5 Credits

Last Updated: 1st June 2023