

B.Eng in Mechatronic Engineering

Course Short Code

ME

Course Year

4

Course Offering: 01

[Print PDF](#)

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## **B.Eng. in Mechatronic Engineering, Year 4, Full-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**

# **CORE MODULES**

## **YEAR LONG**

EM402 4th Year Project - Mechatronics 15 Credits

## **SEMESTER 1**

EE419 Power Electronics 5 Credits

EE425 Image Processing & Analysis 5 Credits

EE458 Control Systems Analysis 5 Credits

MM309 Project & Quality Management 5 Credits

MM453 Manufacturing Automation 5 Credits

## **SEMESTER 2**

EE459 Mechatronic System Simulation & Control 7.5 Credits

MM451 Design for Manufacture and Assembly 7.5 Credits

MM459 Robotics 5 Credits

## **OPTIONAL MODULES**

### **YEAR LONG**

The Uaneen Module (UM405) is a non-contributing, optional, extra-curricular module with a portfolio assessment. For full details on this module please visit - <http://www.dcu.ie/uaneen/index.shtml>.

UM405 Uaneen Non-Contributing Module 5 Credits

Last reviewed: 2nd June 2023