# YEAR 5 MAI ENGINEERING WITH MANAGEMENT, 2018/19

**Date of issue: 9th July, 2018**

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**Note:**
- **J1** [CEDR] and **J6** [CEDR] refer to the same room.
- **J1** [SPSR] and **J6** [SPSR] also refer to the same room.
- **ST4500** [LB1.07] and **ST4500** [LB1.20] refer to the same location.
- **DESIGN LOFT/PBSR1/2** and **DESIGN LOFT/PBSR1** refer to the same location.
- **PBSR1/PC LAB** and **PBSR1** refer to the same location.

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**Classroom Block Codes:**
- **CLT**: Classroom Lecture Theatre
- **CLT/PC LAB**: Classroom Lecture Theatre/PC Lab
- **HAM1**: Hamlyn Building
- **HAM2**: Hamlyn Building
- **GOLDHALL**: Goldham Building
- **ECAL**: Engineering Complex Lab
- **DESIGN LOFT/PBSR1**: Design Loft/Physics Building Room 1
- **DESIGN LOFT/PBSR2**: Design Loft/Physics Building Room 2
- **LB04**: Location Block 04
- **LB08**: Location Block 08
- **LB1.07**: Location Block 1.07
- **LB1.20**: Location Block 1.20
Module codes:

Mandatory Modules (35 credits)
5E1 = MESEM1 Engineering with Management Research Project [25 credits]
5E2 = CESE52 Research Methods [5 credits]
5MEMS7 = ME5MM7 Risk Management and Safety Assessment Systems [5 credits]

Optional Modules (Choose 25 credits)
5B1 = ME5B01 Flow Induced Vibration and Fluid Structure Interaction [5 credits]
5B3 = ME5B03 Advanced Thermal Fluid Sciences [10 credits]
5B9 = ME5B09 Control Engineering II [5 credits]
5B10 = ME5B10 Instrumentation and Experimental Techniques [5 credits]
5BIO1 = ME5BIO1 Medical Devices [10 credits] - **4B20 is a pre-requisite**
5BIO3 = ME5BIO3 Tissue Engineering [5 credits] - **4B19 and 4B20 are pre-requisites**
5BIO4 = ME5BIO4 Finite Element Analysis [5 credits]
5MEMS1 = ME5MM1/ME4MM4 Micro and Precision Manufacturing [5 credits]
5MEMS3 = ME5MM3/ME4MM3 Supply Chain Management [5 credits]
5E3 = ME5E3 Innovation in Product Design [15 credits]
5E4 = ME5E4 Introduction to Computational Fluid Mechanics [5 credits]
5J1 = CE7J01 Wind Energy [5 credits]
5J4 = CE7J04 Energy Policy and Demand [5 credits]
5J6 = CE7J06 Wave and Hydro Energy [5 credits]
5T1 = CE7T01 Transportation [5 credits] - **4A8 is a pre-requisite**
ST4500 = ST4500 Strategic Information Systems [10 credits]

Venues
CEDR = Civil Engineering Demonstrating Room, Simon Perry Building
CLT = Crossland Lecture Theatre, Parsons Building
DESIGN LOFT = Design Loft, Top Floor, Parsons Building
GOLDHALL = Goldsmith Hall, Westland Row/Pearse Street
HAM1 = Salmon Theatre, Hamilton Building
HAM1 = Salmon Theatre, Hamilton Building
HAM2 = Synge Theatre, Hamilton Building
HAM3 = MacNeill Theatre, Hamilton Building
LB04 = Lecture Theatre 04, Lower Basement, Lloyd Institute
LB08 = Lecture Theatre 08, Lower Basement, Lloyd Institute
LB1.07/1.20 = Lecture Room 07/20, First Floor, Lloyd Institute
M17 = Lecture Theatre M17, First Floor, Museum Building
M20 = Lecture Theatre M20, First Floor, Museum Building
M21 = Lecture Theatre M21, First Floor, Museum Building
PBSR1/2/3 = Seminar Room 1/2/3, Parsons Building
PC LAB = PC Laboratory, Ground Floor, Parsons Building
SPSR = MSc Seminar Room, 3rd Floor, Simon Perry Building

Semester dates:
First semester: Monday, 10th September, 2018 to Friday, 30th November, 2018
Second semester: Monday, 21st January, 2019 to Friday, 12th April, 2019

Project/Assignment Weeks:
First semester: Monday, 22nd November, 2018 to Friday, 26th November, 2018
Second semester: Monday, 4th March, 2019 to Friday, 8th March, 2019

Draft examination dates (to be confirmed):
Semester 1 examinations: Saturday, 8th December, 2018 to Friday, 14th December, 2018
Semester 2 examinations: Tuesday, 23rd April, 2019 to Friday, 3rd May, 2019