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**YEAR 5 MAI, 2019/20 - CIVIL, STRUCTURAL AND ENVIRONMENTAL ENGINEERING**

Date of issue: 1st October, 2019

**LUNCHTIME SEMINARS**

(CEDR) (details to follow)
**Module codes:**

**Mandatory Modules**

- 5E1 = SE1 Engineering Research Project [25 credits]
- SE2 = CESE2 Research Methods [5 credits]

**Optional Modules (Choose 30 credits)**

- C4 = CE7C04 Façade Engineering [5 credits]
- C5 = CE7C05 Advanced Spatial Analysis Using GIS [5 credits]
- E3 = CE7E03 Air Pollution [5 credits]
- E4 = CE7E04 Waste Management and Energy Recovery [5 credits]
- E5 = CE7E05 Water Quality and Hydrological Modelling [5 credits]
- E6 = CE7E06 Water Resource Planning and Climate Change [5 credits]
- E7 = CE7E07 Sustainable Water Supply and Sanitation [5 credits]
- J1 = CE7J01 Wind Energy [5 credits]
- J2 = CE7J02 Solar Energy Conversions and Applications [5 credits]
- J4 = CE7J04 Energy Policy and Demand [5 credits]
- J6 = CE7J06 Wave and Hydro Energy [5 credits]
- S1 = CE7S01 Geotechnical Engineering [5 credits]
- S2 = CE7S02 Advanced Computation for Structures [5 credits]
- S3 = CE7S03 Wind and Earthquake Engineering [5 credits]
- S4 = CE7S04 Bridge Engineering [5 credits]
- S5 = CE7S05 Advanced Concrete Technology [5 credits]
- S6 = CE7S06 Soil Structure Interaction [5 credits]
- S9 = CE7S09 Advanced Theory of Structures [5 credits]
- T1 = CE7T01 Transportation Policy [5 credits]
- T2 = CE7T02 Transport Modelling and Planning [5 credits]
- T4 = CE7T04 Transportation Data and Evaluation [5 credits]
- T5 = CE7T05 Transport Design [5 credits]

**Notes**

MAI students are required to take the SE1 and SE2 modules as well as six other modules from the list of optional modules (no more than four in one semester).

**Venues**

- CEDR = Civil Engineering Demonstrating Room 2.3A, Simon Perry Building
- DESIGN LOFT = Design Loft, Top Floor, Parsons Building
- EE.PC1/2 = East End PC Lab 1/2, Lower Basement, Panox Institute
- GOLDHALL = Goldsmith Hall, Pearse Street
- HAM3 = MacNeill Theatre, Hamilton Building
- HLT = Haughton Lecture Theatre, Museum Building
- PBSR1/2 = Seminar Room 1/2, Parsons Building
- SPSR = MSc Seminar Room, 3rd Floor, Simon Perry Building

**Semester dates:**

First semester: Monday, 9th September, 2019 to Friday, 29th November, 2019
Second semester: Monday, 20th January, 2020 to Friday, 10th April, 2020

**Project/Assignment Weeks:**

First semester: Monday, 21st October 2019 to Friday, 25th October 2019
Second semester: Monday, 2nd March 2020 to Friday, 6th March 2020

**Draft examination dates (to be confirmed):**

- Semester 1 examinations: Monday, 9th December, 2019 to Friday, 13th December, 2019*
  (*Contingency Days: December 16, 17, 2019 (Monday, Tuesday))
- Semester 2 examinations: Monday, 27th April, 2020 to Saturday, 2nd May, 2020**
  (**Contingency Days: April 23, 24, 25, 2020)
- Supplemental examinations: August 31, September 1, 2, 3, 4, 2020 (Monday - Friday)***
  (**Contingency Days: August 24, 25, 26, 27 and 28, 2020)**