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<td>First semester (weeks 1 - 10)</td>
<td>J4 [CEDR]</td>
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<td>TUES</td>
<td>First semester (weeks 1 - 10)</td>
<td>S9 [SPSR]</td>
<td>S9 [SPSR]</td>
<td>S2 [CEDR]</td>
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<td>WED</td>
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<td>C4 [SPSR]</td>
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<td>Second semester (weeks 1 - 10)</td>
<td>T4 [SPSR]</td>
<td>S5 [SPSR]</td>
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<td>THURS</td>
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<td>S3 [SPSR]</td>
<td>T1 [CEDR]</td>
<td>S3 [SPSR]</td>
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<td>Second semester (weeks 1 - 10)</td>
<td>C5 [EE.PC1/EE.PC2]</td>
<td>J6 [CEDR]</td>
<td>C5 [SPSR]</td>
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**YEAR 5 MAI, 2018/19 - CIVIL, STRUCTURAL AND ENVIRONMENTAL ENGINEERING**

Date of issue: 28th January 2019
Module codes:

**Mandatory Modules**
5E1 = 5E1  Engineering Research Project [25 credits]
5E2 = CE5E2  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 5E1 and 5E2 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, Simon Perry Building
DESIGN LOFT = Design Loft, Top Floor, Parsons Building
EE.PC1/2 = East End PC Lab 1/2, Lower Basement, Panoz Institute
GOLDHALL = Goldsmith Hall, Pearse Street
HAM3 = MacNeill Theatre, Hamilton Building
PBSR1/2 = Seminar Room 1/2, 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