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<td>MONDAY</td>
<td>First semester (weeks 1 - 10)</td>
<td>J4 [CEDR]</td>
<td>S9 [SPSR]</td>
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<td>Second semester (weeks 1 - 10)</td>
<td>E5 [SPSR]</td>
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<td>T4 [SPSR]</td>
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<td>THURSDAY</td>
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<td>S3 [SPSR]</td>
<td>T1 [CEDR]</td>
<td>S3 [SPSR]</td>
<td>E7 [CEDR]</td>
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<td>S2 [SPSR]</td>
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Second semester (weeks 1 - 10)
### 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