# Year 5 MAI CIVIL, STRUCTURAL & ENVIRONMENTAL ENGINEERING, 2025/26 - Semester 1

| DAY       | 0900 - 1000      | 1000 - 1100               | 1100 - 1200              | 1200 - 1300         | 1300 - 1400         | 1400 - 1500          | 1500 - 1600              | 1600 - 1700 | 1700 - 1800 |
|-----------|------------------|---------------------------|--------------------------|---------------------|---------------------|----------------------|--------------------------|-------------|-------------|
| MONDAY    |                  | <b>J4</b><br>[DO]         |                          | <b>S9</b><br>[SPSR] | <b>S9</b><br>[SPSR] | CEPSSE03<br>[HLT]    |                          |             |             |
| TUESDAY   |                  |                           | 9 <b>S2</b><br>SR] [BLT] |                     | Industry Seminar    | <b>T2</b><br>[M21]   |                          |             |             |
|           | [CEDR]           | [SF                       | [SPSR]                   |                     | HAM4                | <b>S3</b><br>[HLT]   | CEP55A61<br>[M17]        |             |             |
| WEDNESDAY | C5<br>[M17]      | <b>C5</b><br>[EE.PC1,2,3] |                          | S2<br>[CEDR]        |                     | <b>\$2</b><br>[CEDR] | CEP55A61<br>[M21]        |             |             |
| THURSDAY  | S3<br>[SPSR]     |                           | <b>E7</b><br>[M4]        |                     |                     |                      |                          |             |             |
|           | T1<br>[CEDR]     |                           | T1                       |                     |                     |                      |                          |             |             |
|           |                  | E7<br>[M4]                | [CEDR]                   |                     |                     |                      |                          |             |             |
| FRIDAY    | CE7E04<br>[SPSR] | <b>CEP55A61</b><br>[SPSR] |                          | <b>E04</b><br>SR]   | \$2<br>[CEDR]<br>E7 | [SF                  | J2<br>[SPSR]<br>CEP55A61 |             | 1           |
|           | [5, 51]          | [5, 51]                   | ادا                      | 5.ij                | [M17]               | [M17]                |                          | [SPSR]      |             |

# Year 5 MAI (A) - Modules, Venues and Information

## Module codes:

### Mandatory Modules\*

5E1 = Engineering Research Project [30 credits]

# Optional Modules (Choose 30 credits)

# Semester 1

C5 = CE7C05 Advanced Spatial Analysis Using GIS [5 credits]

E3 = CEP55E03 Air Pollution [5 credits]

E7 = CE7E07 Sustainable Water Supply and Sanitation [5 credits]

J2 = CE7J02 Solar Energy Conversions and Applications [5 credits]

J4 = CE7J04 Energy Policy and Demand [5 credits]

S2 = CE7S02 Advanced Computation for Structures [5 credits]

S3 = CE7S03 Wind and Earthquake Engineering [5 credits]

S9 = CE7S09 Advanced Theory of Structures [5 credits]

T1 = CE7T01 Transportation Policy [5 credits]

T2 = CE7T02 Transport Modelling and Planning [5 credits]

CEP55A61 = Structures I [5 credits] E4 = CE7E04 Waste Management and Energy Recovery [5 credits] Semester 2

### Semester 2

E5 = CE7E05 Water Quality and Hydrological Modelling [5 credits]

E6 = CE7E06 Water Resource Planning and Climate Change [5 credits]

J1 = CE7J01 Wind Energy [5 credits]

J6 = CE7J06 Wave Energy [5 credits]

S4 = CE7S04 Bridge Engineering [5 credits]

S6 = CE7S06 Soil Structure Interaction [5 credits]

S7 = CE7S07 A Unified Theory of Structures [5 credits]

T4 = CE7T04 Transportation Data and Evaluation [5 credits]

T5 = CE7T05 Transport Design [5 credits]

4A1 = CEU44A01/CEP55E05 Civil Engineering Materials [5 credits]

4A2 = CEU44A02 Goundwater and Pollution Control [5 credits]

5A62 = CEU44A62 / CE5A62 Structures II (Advanced Design of Structures)

C23 = EEP55C23 Computation for Transport Engineering [5 credits] C24 = EEP55C24 Simulations for Geophysical Modelling [5 credits]

S1 = CE7S01 Geotechnical Engineering [5 credits]

# Laboratories:

Always check scheduling information.

CEDR = Civil Engineering Demonstrating Room 2.3A, Simon Perry Building

SPSR = MSc Seminar Room, 3rd Floor, Simon Perry Building

EE.PC1/2/3 = East End PC Lab 1/2/3, Lower Basement, Panoz Institute CAD = Civil Engineering Computer Room, Red Brick Building

DO = Drawing Office, Museum Building

M17 = Room 17, Mueum Building

M21 = Room 21, Mueum Building

Venues

CLT = Crossland Lecture Theatre, Parson's Building

AP.12 = Room 0.12, Aras an Phiarsaigh

GEOG.A = Geography Seminar Room A, Museum Building

BLT = Botany Lecture Theatre, School of Botany

## Semester dates:

First semester: Monday, 15th September, 2025 to Friday, 5th December, 2025 Second semester: Monday, 19th January, 2026 to Friday, 10th April 2026

Version: 19/09/2025

# Study/Review Weeks:

First semester: Monday, 27th October 2025 to Friday, 31st October 2025 Second semester: Monday, 2nd March 2026 to Friday, 6th March 2026

## **Examination dates:**

## Semester 1 examinations:

Monday, 15th December 2025 to Monday, 22nd December 2025\*

(\*contingency days may be required outside of the formal assessment weeks)

# Semester 2 examinations:

Monday, 27th April, 2026 to Friday, 1st May, 2025\*\*

(\*\*contingency days may be required outside of the formal assessment weeks)

## Reassessment session:

To be confirmed