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

#### Module codes:

**Mandatory Modules**

- SE1 = Engineering Research Project (25 credits)

**Optional Modules (Choose 30 credits)**

- S801 = ME5S801 Instrumentation and Experimental Techniques (5 credits)
- S802 = ME5S802 Control Engineering I (5 credits)
- S804 = ME5S804 Finite Element Analysis (5 credits)
- S804A = ME5S804A Introduction to Computational Fluid Mechanics (5 credits)
- S8MEM53 = ME5SMEM53/ME4HMEM3 Supply Chain Management (5 credits)
- S8MEM57 = ME5SMEM57 Risk Management and Safety Assessment Systems (5 credits)
- J1 = CE7E01 Wind Energy (5 credits)
- J4 = CE7E04 Energy Policy and Demand (1 credits)
- J6 = CE7E06 Wave and Hydro Energy (5 credits)
- T3 = CE7ET01 Transportation (5 credits)
- S5M1 = Engineering Vibration
- SE1 = ME5S801 Fluid Induced Vibration and Fluid Structure Interaction (5 credits) - pre-requisite 4B11
- SB3 = ME5S803 Advanced Thermal Fluid Sciences (10 credits) - pre-requisites 4B3, S804 and 4B11
- SE3 = ME5S803 Innovation in Product Development (15 credits)** - 4MEMS5 is a co-requisite
- S8MEM51 = ME5SMEM51/ME4HMEM1 Advanced Manufacturing II
  - Additive Manufacturing and Laser Processing (5 credits) - pre-requisite 4B5

**Venues:**

- 1008 = Edmund Burke Theatre, Arts Building
- 2043 = Thomas Davis Theatre, Arts Building
- 3074 = Lecture Room 3074, Arts Building
- AP2.03 = Lecture Room 2.03, Aras an Phiarsi ag
- CLT = Crossland Lecture Theatre, Parsons Building
- DO = Drawing Office, Museum Building
- ECAL = ECAL Laboratory, First Floor, Parsons Building
- GOLDHALL = Goldsmith Hall, Pearse Street
- HAM1 = Salmon Theatre, Hamilton Building
- HAM2 = Synge Theatre, Hamilton Building
- HAM3 = MacNeill Theatre, Hamilton Building
- LB04 = Lecture Theatre 04, Lower Ground Floor, Lloyd Institute
- LB08 = Lecture Theatre 08, Lower Ground Floor, Lloyd Institute
- M17 = Museum 17, 1st Floor, Museum Building
- M20 = Museum 20, 1st Floor, Museum Building
- M21 = Museum 21, 1st Floor, Museum Building
- PBSR1/2/3 = Seminar Room 1/2/3, Parsons Building
- PC LAB = PC Laboratory, Ground Floor, Parsons Building

**Laboratories:**

- Design Loft = Design Loft (RA4), Top Floor, Parsons Building
- PF8R2/2/3 = Seminar Room 1/2/3, Parsons Building
- SP5R = Simon Berry Seminar Room, 3rd Floor, Simon Berry Building

* 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)

** MAI students may choose to take the SE3 and SE6 modules as well as **six other modules** from the list of optional modules (no more than four in one semester)

### Year 5 MAI (B) - Semester 2

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<tbody>
<tr>
<td><strong>MONDAY</strong></td>
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<td>IS [online]</td>
<td>4B10/5M10 [online]</td>
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<td>4B11/5M11 [online]</td>
<td>4B11/5M11 Tutorial [online]</td>
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<td><strong>TUESDAY</strong></td>
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<td>SB3 [online]</td>
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<td>SB10 [online]</td>
<td>SB3 [online]</td>
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<td><strong>WEDNESDAY</strong></td>
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<td>4MEMS1/5MEMS1 [online]</td>
<td>SB3 [online]</td>
<td>4B11/5M11 [online]</td>
<td>J1 [online]</td>
<td>4B10/5M10 [online]</td>
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<td>SB3 [online]</td>
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<td><strong>THURSDAY</strong></td>
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<td>4B10/5M10 [online]</td>
<td>SB10 [online]</td>
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<td>4MEMS1/5MEMS1 [online]</td>
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<td><strong>FRIDAY</strong></td>
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<td>4B11/5M11 Tutorial [online]</td>
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**Study/Review Weeks:**

- Monday, 9th November 2020 to Friday, 13th November 2020
- Monday, 15th March 2021 to Friday, 19th March 2021

**Examination dates:**

- **Semester 1 examinations:**
  - Monday, 28th September, 2020 to Friday, 18th December, 2020
  - First semester: Monday, 1st February, 2021 to Friday, 25th February, 2021
  - (*contingency days may be required outside of the formal assessment weeks)

- **Semester 2 examinations:**
  - Monday, 10th May, 2021 to Friday, 21st May, 2021
  - (**contingency days may be required outside of the formal assessment weeks)

**Reassessment session:**

- To be confirmed

**Semester dates:**

- First semester: Monday, 28th September, 2020 to Friday, 18th December, 2020
- Second semester: Monday, 1st February, 2021 to Friday, 25th February, 2021

**Laboratories:**

- Always check scheduling information.