<table>
<thead>
<tr>
<th>DAY</th>
<th>0900 - 1000</th>
<th>1000 - 1100</th>
<th>1100 - 1200</th>
<th>1200 - 1300</th>
<th>1300 - 1400</th>
<th>1400 - 1500</th>
<th>1500 - 1600</th>
<th>1600 - 1700</th>
<th>1700 - 1800</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>DAY</th>
<th>0900 - 1000</th>
<th>1000 - 1100</th>
<th>1100 - 1200</th>
<th>1200 - 1300</th>
<th>1300 - 1400</th>
<th>1400 - 1500</th>
<th>1500 - 1600</th>
<th>1600 - 1700</th>
<th>1700 - 1800</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUESDAY</td>
<td>4B8 tutorial [PBSR1]</td>
<td>4C8 laboratories (Group B) [CADLAB]</td>
<td>4B9 [L904]</td>
<td>4B82 Tutorial [PBSR2]</td>
<td>4B1 Tutorial [PBSR1]</td>
<td>4B82/489 laboratories [PBMR/MECH LAB] (see lab schedule for more information)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Module codes:

**Semester 1** (all mandatory)
4E1 = CEU44E01 Management for Engineers [5 credits]
4BIO1/PG1005 = MEU44BM1/PG1005 Cell and Molecular Biology [5 credits]
4BIO4 = MEU44BM4 Experimental and Research Methods [5 credits]
4BIO5 = MEU44BM5 Biomechanics [5 credits]
4BIO6 = MEU44BM6 Biomaterials [5 credits]
4E2 = EUU44E02/MEU44E02 Biomedical Engineering Project [15 credits]*

**Optional Modules**
4B17 = MEU44B17 Multibody Dynamics [5 credits]
4CS = EUU44C05 Digital Signal Processing [5 credits]

**Semester 2**
4B1 = MEU44B01 Mechanics of Solids [5 credits]
4B2 = MEU44B02 Forensic Materials Engineering [5 credits]
4B5 = MEU44B05 Manufacturing Technology [5 credits]
4B6 = MEU44B06 Manufacturing Systems and Project Management [5 credits]
4B9 = MEU44BM9 Control Engineering I [5 credits]
4CB = EUU44C08 Digital Media Processing [5 credits]

**Laboratories:**
Always check scheduling information

**Venues:**
2037 = Robert Emmet Theatre, Arts Building
2039 = JM Synge Theatre, Arts Building
2041A = Jonathan Swift Theatre, Room 2041A, Arts Building
2041B = Mhuirtin Ui Cheaillean Theatre, Room 2041B,Arts Building
2043 = Thomas Davis Theatre, Arts Building
4050A = SL Lecture Room, 4th Floor, Arts Building
SO39 = Room 5039, 5th Floor, Arts Building
AP0.09 = Room 0.09, Ground Floor, Aras an Phiarsaigh
AP2.04 = Room 2.04, Aras an Phiarsaigh
CHLLT = Chemistry Large Lecture Theatre, Chemistry Building
HAML = Science Lecture Theatre, First Floor, Chemistry Building
M17 = Museum 17, First Floor, Museum Building
M20 = Museum 20, First Floor, Museum Building
M21 = Museum 21, First Floor, Museum Building
MECHLAB = Mechatronics Laboratory, Parsons Building
P8RL1/2 = Seminar Room 1/2, Parsons Building
PHYLLT = Physics Large (Shroedinger) Theatre, Fitzgerald 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, 12th December, 2019
Second semester: Monday, 2nd March 2020 to Friday, 6th March 2020

**Draft examination dates (to be confirmed):**
First semester: Monday, 9th December, 2019 to Friday, 13th December, 2019*

**Supplemental examinations:**
August 31, September 1, 2, 3, 4, 2020 (Monday - Friday)**

*Students completing their studies in the Senior Sophister BAI year are required to take: 4E2 Biomedical Engineering Project; the mandatory modules 4E1, 4BIO1, 4BIO4 and 4BIO6 in semester 1; one other semester 1 module; and three other semester 2 modules.*

**Students continuing to the fifth MAI year are required to take: 4E1, 4BIO1, 4BIO4, 4BIO5 and 4BIO6 in semester 1 plus one other semester 1 module and the six semester 2 modules: 4B1, 4B2, 4B5, 4B6, 4B9 and 4CB.**

MAI students may choose to be considered for 4E4 Engineering Internship in semester 2. Places on these options are limited and are offered competitively by the Department of Mechanical and Manufacturing Engineering during the academic year.