## Year 5 MAI (BIO) - Semester 1

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<td>MONDAY</td>
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<td></td>
<td></td>
<td>SBI09 [HMD1]</td>
<td>SBI09 [20418]</td>
<td>SBI04 [CEDM]</td>
<td>SBI09 [HMD1]</td>
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<td>TUESDAY</td>
<td>SBI07 [PBSR2]</td>
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<tr>
<td>WEDNESDAY</td>
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<td>SBI01 [LB 1.20]</td>
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<td>THURSDAY</td>
<td>SC4 [AP2.03]</td>
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<td>SBI07 [CLT]</td>
<td>SMEM53 [LB01]</td>
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<td>FRIDAY</td>
<td>SBI09 [AP2.05]</td>
<td>SBI04 [M17]</td>
<td>SMEM53 [HMD2]</td>
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<td>SBI09 [CLT]</td>
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## Year 5 MAI (BIO) - Semester 2

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<tbody>
<tr>
<td>TUESDAY</td>
<td>SBI03 [CLT]</td>
<td>SC1 [M20]</td>
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<td>WEDNESDAY</td>
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<td>SMEM51 [CLT]</td>
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<td>SBI10 [CLT]</td>
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<td>THURSDAY</td>
<td>SBI08 [PBSR2]</td>
<td>SC1 [CADLAB]</td>
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<td>SBI10 [CLT]</td>
<td>SMEM51 [CLT]</td>
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<td>FRIDAY</td>
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<td>SC1 [M21]</td>
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Year 5 MAI (BIO) - Modules, Venues and Information

**Module Codes:**

**Mandatory Modules**
- 5E1 = Engineering Research Project (25 credits)
- 5BIO1 = MEP5BM1 Medical Device Design Innovation Project (10 credits)
- 5BIO3 = MES5B03 Tissue Engineering (5 credits)
- 5BIO7 = MES5B07 Advanced Medical Imaging (5 credits)
- 5BIO9 = MES5B09 Medical Device Design Fundamentals (5 credits)

**Optional Modules (Choose 15 credits)**
- 5B10 = MES5B10 Instrumentation and Experimental Techniques (5 credits)
- 5B04 = MES5B04 Finite Element Analysis (5 credits)
- 5B08 = MES5B08 Implantable Devices and Systems (10 credits)
- SCA = ESC04 Speech and Audio Engineering (5 credits)
- 5MEMS1 = MES5MM1 Advanced Manufacturing II - Additive Manufacturing and Laser Processing (5 credits)
- 5MEMS3 = MES5MM3 Supply Change Management (5 credits)
- 5MEMS7 = MES5MM7 Risk Management and Safety Assessment Systems (5 credits)
- 5C1 = ESC01 Motion Picture Engineering (5 credits)

* Biomedical Engineering students are required to take 5E1, 5E2, 5BIO1, 5BIO3, 5BIO7 and 5BIO8 as well as 10 credits from 5B10, 5B04, SCA, 5MEMS1, 5MEMS3 and 5MEMS7

**Venues:**
- 2041B = Mhairtin Ó Chadhaín Theatre, Room 2041B, Arts Building
- 2043 = Thomas Davis Theatre, 2043, Arts Building
- 3051 = Room 3051, 3rd Floor, Arts Building
- AP2.03 = Room 2.03, Second Floor, Aras an Phiarasigh
- AP2.04 = Room 2.04, Second Floor, Aras an Phiarasigh
- AP2.05 = Seminar room 2.05, Second Floor, Aras an Phiarasigh
- CADLAB = Room 2.28, Second Floor, Aras an Phiarasigh
- CEDR = Demonstration Room, Simon Perry Building
- CLT = Crossland Theatre, Second Floor, Parsons Building
- HAM1 = Salmon Theatre, Hamilton Building
- HAM2 = Synge Theatre, Hamilton Building
- HAM3 = Mchell Theatre, Hamilton Building
- LB04 = Lecture Theatre 04, Lower Ground Floor, Lloyd Institute
- LB08 = Lecture Theatre 08, Lower Ground Floor, Lloyd Institute
- M17 = Lecture Theatre M17, Museum Building
- M20 = Lecture Theatre M20, Museum Building
- M21 = Lecture Theatre M21, Museum Building
- PBSR1/2 = Seminar Room 1/2, Parsons Building
- PC LAB = PC Laboratory, Ground Floor, Parsons Building
- PHYLLT = Schrödinger Lecture Theatre, Physics Building
- SSLAB = Room 2.02, Second Floor, Aras an Phiarasigh

**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, 25th October 2019
- Second semester: Monday, 2nd March 2020 to Friday, 6th March 2020

**Draft examination dates (to be confirmed):**
- Semester 1 examinations: Monday, 9th December, 2019 to Friday, 13th December, 2019
  (*Contingency Days: December 16, 17, 2019 [Monday, Tuesday])
- Semester 2 examinations: Monday, 27th April, 2020 to Saturday, 2nd May, 2020
  (**Contingency Days: April 23, 24, 25, 2020)

**Supplemental examinations:**
- August 31, September 1, 2, 3, 4, 2020 (Monday - Friday)
- (**Contingency Days: August 24, 25, 26, 27 and 28, 2020)

Laboratories:
Always check scheduling information