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<td>MONDAY</td>
<td>First semester</td>
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<td>5MEMS3 [HAM1]</td>
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<td>5C7 [M21]</td>
<td>5BIO1 [CLT]</td>
<td>5BIO3 [CLT]</td>
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<td>5BIO7 [PBSR2]</td>
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<td>5C1 laboratory session [CAD LAB]</td>
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<td>5C7 [M21]</td>
<td>5C7 laboratory session (weeks 3, 5, 9, 10) [SS LAB]</td>
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<td>5B10 [PBSR3]</td>
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Module Codes

**Mandatory Modules**

- 5E1 = SE1 Engineering Research Project [25 credits]
- 5E2 = SE5E2 Research Methods [5 credits]
- 5BIO1 = ME5BIO1 Medical Device Design [10 credits]
- 5BIO3 = ME5BIO3 Tissue Engineering [5 credits]
- 5BIO7 = ME5BIO7 Advanced Medical Imaging [5 credits]

**Optional Modules (Choose 30 credits)**

- 5B10 = ME5B10 Instrumentation and Experimental Techniques [5 credits]
- 5BIO4 = ME5BIO4 Finite Element Analysis [5 credits]
- 5C1 = ME5C01 Digital Media Systems [5 credits] - 4C8 is a pre-requisite
- 5C3 = ME5C03 Statistical Signal Processing [5 credits]
- 5C4 = ME5C04 Speech and Audio Engineering [5 credits]
- 5C7 = ME5C07 Complex Systems Science for Communication Networks [5 credits]
- 5MEMS1 = ME5MEM1 Micro and Precision Manufacturing [5 credits]
- 5MEMS3 = ME5MEM3 Supply Change Management [5 credits]
- 5MEMS7 = ME5MEM7 Risk Management and Safety Assessment Systems [5 credits]

**Venues**

- AP2.03 = Room 2.03, Second Floor, Aras an Phiarsaigh
- AP2.04 = Room 2.04, Second Floor, Aras an Phiarsaigh
- AP3.19 = Room 3.19, Third Floor, Aras an Phiarsaigh
- CAD LAB = Room 2.28, Second Floor, Aras an Phiarsaigh
- CLT = Crossland Theatre, Second Floor, Parsons Building
- HAM1 = Salmon Theatre, Hamilton Building
- HAM2 = Syne 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 = Lecture Theatre M17, Museum Building
- M20 = Lecture Theatre M20, Museum Building
- M21 = Lecture Theatre M21, Museum Building
- PBSR1/2/3 = Seminar Room 1/2/3, Parsons Building
- PC LAB = PC Laboratory, Ground Floor, Parsons Building
- PHYLLT = Shroedinger Lecture Theatre, Physics Building
- SS LAB = Room 2.02, Second Floor, Aras an Phiarsaigh

**Notes**

Biomedical Engineering students are required to take 5E1, 5E2, 5BIO1, 5BIO3 and 5BIO7 as well as 10 credits from 5B10, 5BIO4, 5C1, 5C3, 5C4, 5C7, 5MEMS1, 5MEMS3 and 5MEMS7

**Semester Dates**

- First semester: Monday, 25th September, 2017 to Friday, 15th December, 2017
- Second semester: Monday, 15th January, 2018 to Friday, 6th April, 2018

**Project/Assignment Weeks**

- First semester: Monday, 6th November, 2017 to Friday, 10th November, 2017
- Second semester: Monday, 26th February, 2018 to Friday, 2nd March, 2018

**Examination Dates**

Annual examinations commence on Monday, 30th April, 2018 and finish at the latest on Friday, 25th May, 2018 (check web portal)