# Year 5 MAI (BIO) - Semester 1

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

**Module Codes:**

**Mandatory Modules***
- SE1 = Engineering Research Project (25 credits)
- 5BIO1 = ME5BIO1 Medical Device Design Innovation Project (10 credits)
- 5BIO3 = ME5BIO3 Tissue Engineering (5 credits)
- 5BIO7 = ME5BIO7 Advanced Medical Imaging (5 credits)
- 5BIO9 = ME5BIO9 Medical Device Design Fundamentals (5 credits)

**Optional Modules (Choose 15 credits)**
- 5B10 = ME5B10 Instrumentation and Experimental Techniques (5 credits)
- 5B14 = ME5B14 Finite Element Analysis (5 credits)
- 5B18 = ME5B18 Implantable Devices and Systems (10 credits)
- SC4 = EESC4 Speech and Audio Engineering (5 credits)
- SMEMS1 = ME5MEMS1 Advanced Manufacturing II - Additive Manufacturing and Laser Processing (5 credits)
- SMEMS3 = ME5MEMS3 Supply Change Management (5 credits)
- SMEMS7 = ME5MEMS7 Risk Management and Safety Assessment Systems (5 credits)
- SCI = EESC01 Motion Picture Engineering (5 credits)- pre-requisite: 4CP

* Biomedical Engineering students are required to take: SE1, SE2, 5BIO1, 5BIO3, 5BIO7 and 5BIO8 as well as 10 credits from 5B10, 5B14, SC4, SMEMS1, SMEMS3 and SMEMS7.

**Venues:**
- 2041B = Dhúirtin Iú Chádhaigh 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 Phárasaigh
- AP2.04 = Room 2.04, Second Floor, Aras an Phárasaigh
- AP2.05 = Seminar room 2.05, Second Floor, Aras an Phárasaigh
- CADLAB = Room 2.28, Second Floor, Aras an Phárasaigh
- CEDR = Demonstration Room, Simon Perry Building
- CLT = Crossland Theatre, Second Floor, Parsons Building
- HAM1 = Salmon Theatre, Hamilton Building
- HAM2 = Synge Theatre, Hamilton Building
- HAM3 = Mitchell Theatre, Hamilton Building
- LB04 = Lecture Theatre 04, Lower Ground Floor, Lloyd Institute
- LB02 = Lecture Theatre 02, Lower Ground Floor, Lloyd Institute
- M17 = Lecture Theatre M17, Museum Building
- M20 = Lecture Theatre M20, Museum Building
- M21 = Lecture Theatre M21, Museum Building
- PBSL1/Z = Seminar Room 1/Z, Parsons Building
- PBSL1/Z = Seminar Room L2, 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 Phárasaigh

**Laboratories:**
Always check scheduling information

**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)