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YEAR 5 MAI, 2019/20 - BIOMEDICAL ENGINEERING

Date of issue: 21st October, 2019
### Module Codes

#### Mandatory Modules
- **SE1 = SE1** Engineering Research Project [25 credits]  
- **SBI01 = MEP56BM1** Medical Device Design Innovation Project [10 credits]  
- **SBI03 = MESBI03** Tissue Engineering [5 credits]  
- **SBI07 = MESBI07** Advanced Medical Imaging [5 credits]  
- **SBI09 = MEP56BM9** Medical Device Design Fundamentals [5 credits]  

#### Optional Modules (Choose 15 credits)
- **SBI10 = HAM1 Experimental Techniques** [5 credits]  
- **SBI04 = MESBI04** Finite Element Analysis [5 credits]  
- **SBI08 = MESBI08** Implant Devices and Systems [10 credits]  
- **SC1 = EE5C01** Digital Media Systems [5 credits]  
- **SC4 = EE5C04** Speech and Audio Engineering [5 credits]  

**Notes**
- Biomedical Engineering students are required to take **SBI01**, **SBI04**, **SBI07**, **SBI09**, **5B10**, **5BIO4**, **5C4**, **5MEMS1**, **5MEMS3**, **5MEMS7** as well as 10 credits from **SBI10**, **SBI04**, **SC4**, **5MEMS1**, **5MEMS3** and **5MEMS7**

### Venues

- **AP2.03 = Room 2.03**, Second Floor, Aras an Phiarsaigh  
- **AP2.04 = Room 2.04**, Second Floor, Aras an Phiarsaigh  
- **AP2.05 = Seminar room 2.05**, Second Floor, Aras an Phiarsaigh  
- **2043 = Thomas Davis Theatre**, 2043, Arts Building  
- **2041B = Mhairtin Ui Chadha Theatre**, Room 2041B, Arts Building  
- **CAD LAB = Room 2.28**, Second Floor, Aras an Phiarsaigh  
- **CLT = Crossland Theatre**, Second Floor, Parsons Building  
- **HAM1 = Salmon Theatre**, Hamilton Building  
- **HAM2 = Syng 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 = Seminar Room 1/2**, 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  
- **CEDR = Demonstration Room**, Simon Perry Building  
- **LB 1.20 = Room 1.20**, Lloyd Institute  
- **FP 2.16 = Room 2.16**, 3 - 4 Foster Place

### 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)