

Year 5 MAI (BIO) - Semester 1

Version: 19/09/2024

DAY	0900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800
MONDAY	EE5C16 [SYNGE, ARTS]	EEP55C05 [LB08]						MEP56BM1 [CEDR]	
	MEP55B10 [CEDR]								
TUESDAY	EEP55C05 [M17]	EE5C16 [DOLT0.32]	MEP55B21 [CLT]		Industry Talks HAM4	MEP55B17 [SPSR]			
WEDNESDAY	EE5C16 [AP2.28]			EEP55C05 [M21]		MEP55B17 [SPSR]		MEP55B10 [PARSONS PC LABS]	
	MEP55B10 [PARSONS PC LABS]								
THURSDAY		EE5C16 [CHLT]	MEP55B17 [SPSR]	MEP55B21 [M21]				ME5MM3 [CLT]	
FRIDAY		ME5MM7 [M21]	MEP55B10 [M17]	ME5MM3 [CLT]	ME5MM7 [CLT]				
			EE5C16 [AP2.28]		EEP55C05 [EE.PC 1,2 & 3]	EEP55C05 [M20]			

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

Module Codes:

Mandatory Modules

5E1 = Engineering Research Project [30 credits]

Optional Modules

Semester 1 & 2

MEP56BM1 = Medical Device Design Innovation Project [10 credits]

Semester 1

ME5MM3 Supply Change Management [5 credits]
 ME5MM7 Risk Management and Safety Assessment Systems [5 credits]
 EEP55C05 / EEU44C05 = Digital Signal Processing
 MEP55B10 = Finite Element Analysis [5 credits]
 EE5C16 = Deep Learning and its Applications [10 credits]
 MEP55B21 = Neural Signal Analysis [10 credits]
 MEU44BM1 / MEP55B17 = Cell and Molecular Biology
 MEU44B17/ME5M17 = Multibody Dynamics [5 credits]
 MEP55B17 = Introductory Cell and Molecular Biology

Semester 2

ME5MM1 Advanced Manufacturing II -
 Additive Manufacturing and Laser Processing [5 credits]
 ME5BIO7 = Advanced Medical Imaging [5 credits]
 ME5BIO3 Tissue Engineering [5 credits]
 MEP55BM8 = Active Implanted Devices and Systems [10 credits]
 ME5M02 = Forensic Materials Engineering [5 credits]
 ME5M06 = Manufacturing Systems and Project Management [5 credits]
 EE5C04 = Speech and Audio Engineering [5 credits]

Laboratories:

Always check scheduling information

Venues:

CEDR = Demonstration Room, Simon Perry Building
 CLT = Crossland Theatre, Second Floor, Parsons Building
 M17 = Lecture Theatre M17, Museum Building
 M20 = Lecture Theatre M20, Museum Building
 M21 = Lecture Theatre M21, Museum Building
 CHLT = Science Lecture Theatre Chemistry Building, Room 1.25
 SYNGE ARTS = JM Synge Theatre, Room 2039, Arts Building
 PARSONS PC LABS = ECAL and DESIGN LAB
 ECAL = ECAL PC Laboratory, First Floor, Parsons Building
 AP2.28 = Room 2.28 (CadLab), Aras an Phiarsaigh
 LB04 = Lecture Theatre 04, Lower Ground Floor, Lloyd Institute
 MAX5 = Maxwell Lecture Theatre 5, Hamilton Building
 DOLT0.32 = D'Olier St, Lower Lecture Theatre, School of Nursing

Semester dates:

First semester: Monday, 9th September, 2024 to Friday, 29th November, 2024
 Second semester: Monday, 20th January, 2025 to Friday, 11th April 2025

Study/Review Weeks:

First semester: Monday, 21st October 2024 to Friday, 25th October 2024
 Second semester: Monday, 3rd March 2025 to Friday, 7th March 2025

Examination dates:

Semester 1 examinations:

Monday, 9th December 2024 to Friday, 13th December 2024*
 (*contingency days may be required outside of the formal assessment weeks)

Semester 2 examinations:

Monday, 21st April, 2025 to Friday, 25th April, 2025**
 (**contingency days may be required outside of the formal assessment weeks)

Reassessment session:

To be confirmed