

Year 5 MAI (BIO) - Semester 1

Version: 24/08/2023

DAY	0900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800
MONDAY	EESC16 [SYNGE]	EEP5SC05 [SYNGE2]			MEP56BM9 [LB04]				MEP56BM1 [CEDR]
	MEP56B10 [CEDR]								
TUESDAY	EEP5SC05 [M17]		MEP56B21 [CLT]				EEP5SC05 [AP2.28]		
WEDNESDAY		EESC16 [AP2.28]			EEP5SC05 [M20]				MEP56B10 [MEDAL, ECAL]
	MEP56B10 [MEDAL, ECAL]								
THURSDAY	EESC16 [CHLT]	EESC16 [CHLT]		MEP56B21 [M21]		MEP56BM9 [MAX5]			MESMM3 [CLT]
FRIDAY	MEP56BM9 [SYNGE]	MESMM7 [M21]	MEP56B10 [M17]	MESMM3 [CLT]	MESMM7 [DO]				
			EESC16 [PARSONS PC LABS]			EEP5SC05 [M20]			

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

Module Codes:

Mandatory Modules

SE1 = Engineering Research Project [30 credits]

Semester 1 & 2

MEP56BM9 = Medical Device Design Fundamentals (5 credits)

Optional Modules

Semester 1 & 2

MEP56BM1 = Medical Device Design Innovation Project [10 credits]

Semester 1

MESMM3 Supply Change Management [5 credits]

MESMM7 Risk Management and Safety Assessment Systems [5 credits]

EEP5SC05 / EEU44C05 = Digital Signal Processing

MEP56B10 = Finite Element Analysis [5 credits]

EESC16 = Deep Learning and its Applications [10 credits]

MEP56B21 = Neural Signal Analysis [10 credits]

Semester 2

MESMM1 Advanced Manufacturing II -

Additive Manufacturing and Laser Processing [5 credits]

MESBIO7 = Advanced Medical Imaging [5 credits]

MESBIO3 Tissue Engineering [5 credits]

MEP56BM8 = Active Implanted Devices and Systems [10 credits]

MESM02 = Forensic Materials Engineering [5 credits]

MESM06 = Manufacturing Systems and Project Management [5 credits]

EESC04 = Speech and Audio Engineering [5 credits]

David Taylor

Kevin O'Kelly

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 = JM Syngé Theatre, Arts Building

SYNGE2 = Syngé Lecture Theatre, Hamilton Building

PARSONS PC LABS = ECAL and MEDAL

ECAL = ECAL PC Laboratory, First Floor, Parsons Building

MEDAL = Design PC Lab, 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

Semester dates:

First semester: Monday, 11th September, 2023 to Friday, 1st December, 2023

Second semester: Monday, 22nd January, 2024 to Friday, 12th April 2024

Study/Review Weeks:

First semester: Monday, 23rd October 2023 to Friday, 27th October 2023

Second semester: Monday, 4th March 2024 to Friday, 8th March 2024

Examination dates:

Semester 1 examinations:

Monday, 11th December 2023 to Friday, 15th December 2023\*

(\*contingency days may be required outside of the formal assessment weeks)

Semester 2 examinations:

Monday, 29th April, 2024 to Friday, 3rd May, 2024\*\*

(\*\*contingency days may be required outside of the formal assessment weeks)

Reassessment session:

To be confirmed