

YEAR 5 MAI, 2018/19 - BIOMEDICAL ENGINEERING

Date of issue: 27th August, 2018

DAY	SEMESTER	0900 - 1000	1000 - 1100	1100 - 1200	1200 - 1300	1300 - 1400	1400 - 1500	1500 - 1600	1600 - 1700	1700 - 1800
MONDAY	<i>First semester</i>				5MEMS3 [HAM1]			5BIO4 [PBSR1/PC LAB]	5C3 [M20]	
	<i>Second semester</i>		5BIO8 [PBSR2]		5C1 [CAD LAB]	5C7 [M21]		5BIO1 [CLT]	5BIO3 [CLT]	
TUESDAY	<i>First semester</i>		5BIO7 [PBSR2]			5BIO1 [CLT]		5C3 [M20]		
	<i>Second semester</i>		5BIO3 [CLT]		5C1 laboratory session [CAD LAB]			5C7 [M21]	5C7 laboratory session (weeks 3, 5, 9, 10) [SS LAB]	
WEDNESDAY	<i>First semester</i>				5C4 [AP2.03]				5BIO4 [CLT/PC LAB]	
	<i>Second semester</i>	5C7 [AP2.04]		5C1 [CAD LAB]		5MEMS1 [CLT]		5B10 [CLT]		
THURSDAY	<i>First semester</i>		5C3/4 [AP2.03/CAD LAB]		5BIO1 [HAM1]	5C3 [M20]		5BIO7 [CLT]		5C3 [M20]
	<i>Second semester</i>	5BIO1 [LB04]		5BIO8 [PBSR2]	5C1 [CAD LAB]			5B10 [CLT]	5MEMS1 [CLT]	
FRIDAY	<i>First semester</i>	5MEMS3 [LB08]			5BIO4 [M17]	5MEMS3 [HAM2]	5MEMS7 [CLT]			
	<i>Second semester</i>				5C7 [M21]	5C1 [M21]				

FURTHER INFORMATION ON YEAR 5 MAI ENGINEERING TIMETABLE, 2018/19

Module Codes

Mandatory Modules

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

Optional Modules (Choose 15 credits)

5B10 = ME5B10 Instrumentation and
 Experimental Techniques [5 credits]
 5BIO4 = ME5BIO4 Finite Element Analysis [5 credits]
 5BIO8 = ME5BIO8 Implanted Devices and Systems [10 credits]
 5C1 = EE5C01 Digital Media Systems [5 credits] - **4C8 is a pre-requisite**
 5C3 = EE5C03 Statistical Signal Processing [5 credits]
 5C4 = EE5C04 Speech and Audio Engineering [5 credits]
 5C7 = EE5C07 Complex Systems Science for
 Communication Networks [5 credits]
 5MEMS1 = ME5MM1 Advanced Manufacturing II -
 Additive Manufacturing and Laser Processing [5 credits]
 5MEMS3 = ME5MM3 Supply Change Management [5 credits]
 5MEMS7 = ME5MM7 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 = Synge 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, 10th September, 2018 to Friday, 30th November, 2018
 Second semester: Monday, 21st January, 2019 to Friday, 12th April, 2019

Project/Assignment Weeks:

First semester: Monday, 22nd November, 2018 to Friday, 26th November, 2018
 Second semester: Monday, 4th March, 2019 to Friday, 8th March, 2019

Draft examination dates (to be confirmed):

Semester 1 examinations: Saturday, 8th December, 2018 to Friday, 14th December, 2018
 Semester 2 examinations: Tuesday, 23rd April, 2019 to Friday, 3rd May, 2019