

MSBME Study Path (2023 Cohort)
Full-time Normal Study Path via **Taught Courses** (1 Year)

Yr.	Sem.	Courses				CU's
1	A	BME5110 Biomedical Engineering Design (3CUs)	BME5111 Regenerative Medicine (3CUs)	BME6111 Biomedical Instrumentation (3CUs)	Elective course (3CUs)	15
					<u>Elective courses for selection</u> [@] : a) BME6101 Manufacturing of Biomedical Devices b) BME6123 Flexible Bioelectronics for Medical Applications c) BME6136 Advanced Biomaterials for Healthcare and Biomedical Applications	
	B	<u>Elective courses for selection</u> [@] : a) BME6005 Micro Systems Technology b) BME6114 Advanced Control Systems c) BME6115 Biorobotics d) BME6118 Biomedical Imaging and Biophotonics e) BME6121 Biomechanics f) BME6135 Engineering Principles for Drug Delivery				12 or 15
S	<u>Elective courses for selection</u> [@] : a) BME6117 Biomedical Safety and Risk Assessment b) BME6138 Robotics in Minimally Invasive Healthcare				0 or 3	
Total CUs =					30	

14

Remarks:

() number of credit units

[@] Courses list may change subject to changes in the programme and/or demand for individual courses.

MSBME Study Path (2023 Cohort)
Full-time Normal Study Path via **Dissertation** (1 Year)

Yr.	Sem.	Courses				CU's
1	A	BME5110 Biomedical Engineering Design (3CU's)	BME5111 Regenerative Medicine (3CU's)	BME6111 Biomedical Instrumentation (3CU's)	Elective course (3CU's)	15
					<u>Elective courses for selection[@]:</u> a) BME6101 Manufacturing of Biomedical Devices b) BME6123 Flexible Bioelectronics for Medical Applications c) BME6136 Advanced Biomaterials for Healthcare and Biomedical Applications	
	B	BME6008 Dissertation (6 CU's)	<u>Elective courses for selection[@]:</u> a) BME6005 Micro Systems Technology b) BME6114 Advanced Control Systems c) BME6115 Biorobotics d) BME6118 Biomedical Imaging and Biophotonics e) BME6121 Biomechanics f) BME6135 Engineering Principles for Drug Delivery			
S	+	(3CU's)	<u>Elective courses for selection[@]:</u> a) BME6117 Biomedical Safety and Risk Assessment b) BME6138 Robotics in Minimally Invasive Healthcare			3
Total CU's =					30	

15

Remarks:

() number of credit units

[@] Courses list may change subject to changes in the programme and/or demand for individual courses.

MSBME Study Path (2023 Cohort)

Part-time Normal Study Path via **Taught Courses** (2 Years)

Students are required to complete the three core courses plus (i) seven electives OR (ii) dissertation + four electives.
The advice is not to take more than 11 credit units in a semester.

Yr.	Sem.	Courses			CU's
1	A	BME5110 Biomedical Engineering Design (3CU's)	BME5111 Regenerative Medicine (3CU's)	BME6111 Biomedical Instrumentation (3CU's)	9
	B	Elective course (3CU's)	Elective course (3CU's)	Elective course (3CU's)	9
2	A	Elective course (3CU's)	Elective course (3CU's)		6
	B	Elective course (3CU's)	Elective course (3CU's)		6
Total CU's =					30

16

Remarks:

() number of credit units

MSBME Study Path (2023 Cohort)
Part-time Normal Study Path via **Dissertation** (1.5 Years)

Yr.	Sem.	Courses				CU's
1	A	BME5110 Biomedical Engineering Design (3CU's)	BME5111 Regenerative Medicine (3CU's)	BME6111 Biomedical Instrumentation (3CU's)		9
	B	Elective course (3CU's)	Elective course (3CU's)	Elective course (3CU's)	BME6008 Dissertation (2 CU's) + (3 CU's) + (4CU's) <i>Maximum 6 semesters</i>	11
	S	Elective course (3CU's)				3 or 6
2	A	Elective course (3CU's)				4 or 7
					Total CU's =	30

17

Remarks:

() number of credit units