MSBME Study Path (2022 Cohort) Full-time Normal Study Path via <u>Taught Courses</u> (1 Year)

Yr.	Sem.	Courses				CUs			
Yr.	A	BME6101 Manufacturing of Biomedical Devices (3CUs)	BME6111 Biomedical Instrumentation (3CUs)	BME5110Biomedical Engineering Design # or Elective course (3CUs)Elective courses (3CUs)Elective courses @:a) BME5110 Biomedical b) BME6117 Biomedical c) BME5111 Regenerative d) BME6123 Flexible Bi e) BME6136 Advanced I Biomedical Application	 BME6117 Biomedical Safety and Risk Assessment [△] or Elective course (3CUs) I Engineering Design I Safety and Risk Assessmination of the second second	Elective course (3CUs)	15		
	В	BME6005 Micro Systems Technology (3CUs)	BME6121 Biomechanics (3 CUs)	Elective course (3CUs) Elective courses [@] : a) BME6114 Advanced b) BME6115 Biorobotics c) BME6118 Biomedica d) BME6135 Engineerin	Control Systems s I Imaging and Biophotonics g Principles for Drug Delivery		12 or 15		
	S	Elective course: BME6138 Robotics in Minimally Invasive Healthcare (3CUs)					0 or 3		
Total CUs =						30			

- () number of credit units
- # Assigned for students who do not have biomedical engineering/science or bioengineering background.
- $^{\Delta}$ Assigned for students who have biomedical engineering/science or bioengineering background.
- [@] Courses list may change subject to changes in the programme and/or demand for individual courses.

Yr.	Sem.	Courses				CUs			
1	А	BME6101 Manufacturing of Biomedical Devices (3CUs)	BME6111 Biomedical Instrumentation (3CUs)	BME51 Biomedical En Design [#] Elective co (3CUs Elective courses a) BME5110 Bi b) BME6117 Bi c) BME6117 Bi c) BME5111 Ro d) BME6123 Fl e) BME6136 Ao Applications	10 gineering or ourse) @: omedical En omedical Sa egenerative 1 exible Bioel dvanced Bioel	BME6117 Bio Safety and Assessment Elective co (3CUs) ngineering Desig afety and Risk As Medicine ectronics for Me omaterials for He	medical Risk ^A or purse) n ssessment dical App althcare a	Elective course (3CUs) lications nd Biomedical	15
	В	BME6008 Dissertation (6 CUs) +	BME6005 Micro Systems Technology (3 CUs)	BME6121 Biomechanics (3 CUs)	Elective co a) BME6 b) BME6 c) BME6 d) BME6 Delive	ive course 3CUs) <u>ourses[@]:</u> 114 Advanced C 115 Biorobotics 118 Biomedical I 135 Engineering ry	Ele ontrol Sys Imaging a Principles	ective course (3CUs) stems nd Biophotonics s for Drug	12
	S	(3CUs)							3
Total CUs =							30		

MSBME Study Path (2022 Cohort) Full-time Normal Study Path via <u>Dissertation</u> (1 Year)

- () number of credit units
- # Assigned for students who do not have biomedical engineering/science or bioengineering background.
- Δ Assigned for students who have biomedical engineering/science or bioengineering background.
- [@] Courses list may change subject to changes in the programme and/or demand for individual courses.

MSBME Study Path (2022 Cohort)

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

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

Yr.	Sem.	Courses				
1	А	BME6101	BME6111	BME5110	9	
		Manufacturing of	Biomedical Instrumentation	Biomedical Engineering Design #		
		Biomedical Devices	(3CUs) Or			
		(3CUs)		BME6117		
				Biomedical Safety and Risk Assessment Δ		
				(3CUs)		
	В	BME6005	BME6121	Elective course	9	
		Micro Systems	Biomechanics	(3CUs)		
		Technology	(3 CUs)			
		(3CUs)				
2	А	Elective course	Elective course			
		(3CUs)	(3CUs)			
	В	Elective course	Elective course			
		(3CUs)	(3	CUs)		
Elect	ive course	es in Semester A [@] :				
a) B	ME5110	Biomedical Engineering Des	sign; b) BME6117 Biomedical Safety an	d Risk Assessment; c) BME5111		
Regenerative Medicine; d) BME6123 Flexible Bioelectronics for Medical Applications; e) BME6136 Advanced						
Biomaterials for Healthcare and Biomedical Applications						
Elective courses in Semester B [@] :						
a) BME6114 Advanced Control Systems; b) BME6115 Biorobotics; c) BME6118 Biomedical Imaging and Biophotonics;						
d) BME6135 Engineering Principles for Drug Delivery						
				Total CUs =	30	

- () number of credit units
- # Assigned for students who do not have biomedical engineering/science or bioengineering background.
- Δ Assigned for students who have biomedical engineering/science or bioengineering background.
- [@] Courses list may change subject to changes in the programme and/or demand for individual courses.

MSBME Study Path (2022 Cohort) Part-time Normal Study Path via <u>Dissertation</u> (1.5 Years)

Yr.	Sem.	Courses				
	Α	BME6101	BME6111	BME5	110	9
		Manufacturing of	Biomedical Instrumentation	Biomedical Engine	eering Design #	
		Biomedical Devices	(3CUs)	Or		
		(3CUs) BME6117			117	
				Biomedical Safety and	d Risk Assessment	
				Δ		
				(3CU	s)	
1	В	BME6005	BME6121	Elective course	BME6008	11
		Micro Systems	Biomechanics	(3CUs)	Dissertation	
		Technology	(3 CUs)		(2 CUs)	
	~	(3CUs)				2
	S Elective course: BME6138 Robotics in Minimally Invasive Healthcare (3CUs) +				+	3 or 6
					(3 CUs)	
2	А	Elective course			+	4 or 7
		(3CUs)			(4CUS) Maximum 6	
		Maximum o				
Elective courses in Semester A @.						
<u>Biect</u>	BME5	<u>110 Biomedical Engineering</u>	Design: b) BME6117 Biomedical Safet	v and Rick Assessment.	c) BME5111	
a,	Regene	Prative Medicine: d) BMF61	23 Flexible Bioelectronics for Medical	Applications e) BME61	36 Advanced	
Biomaterials for Healthcare and Biomedical Applications						
Elective courses in Semester B [@] .						
a) BME6114 Advanced Control Systems: b) BME6115 Biorobotics: c) BME6118 Biomedical Imaging and						
Biophotonics; d) BME6135 Engineering Principles for Drug Delivery						
					Total CUs –	30
					10tal CUS –	30

- () number of credit units
- # Assigned for students who do not have biomedical engineering/science or bioengineering background.
- $^{\Delta}$ Assigned for students who have biomedical engineering/science or bioengineering background.
- [@] Courses list may change subject to changes in the programme and/or demand for individual courses.