

# **Biomedical Engineering**

**Study Year 1, Academic Year 2020/21 (Mandatory Courses)**

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	20/21	20/21	20/21	20/21
								sp1	sp2	sp3	sp4
<a href="#">EMAB45</a>	5	G1	-	S	Calculus in One Variable A1		<a href="#">KS KE U W T</a>	1			
<a href="#">EITA01</a>	12	G1	-	S	Introduction to Biomedical Engineering		<a href="#">KS KE U W T</a>	1	2		
<a href="#">FAFA65</a>	7.5	G1	-	S	Thermodynamics, Waves and Optics		<a href="#">KS KE U W T</a>	1	2		
<a href="#">EMAB50</a>	5	G1	-	S	Calculus in One Variable A2		<a href="#">KS KE U W T</a>		2		
<a href="#">EMAB60</a>	5	G1	-	S	Calculus in One Variable A3		<a href="#">KS KE U W T</a>			3	
<a href="#">KOKA20</a>	7.5	G1	-	S	General and Organic Chemistry		<a href="#">KS KE U W T</a>			3	
<a href="#">EXTA56</a>	5	G1	-	S	Clinical Training in Biomedical Engineering		<a href="#">KS KE U T</a>			3	4

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links			
							20/21 sp1	20/21 sp2	20/21 sp3	20/21 sp4
<a href="#">EDAA50</a>	7.5	G1	-	S	Programming, First Course	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3	4
<a href="#">FMAB20</a>	6	G1	-	S	Linear Algebra	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				4

**Study Year 2, Academic Year 2021/22 (Mandatory Courses)**

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	21/22	21/22	21/22	21/22
								sp1	sp2	sp3	sp4
<a href="#">EXTA70</a>	7.5	G1	-	S	Biology of the Cell		<a href="#">KS KE U W T</a>	1			
<a href="#">EMAB30</a>	6	G1	-	S	Calculus in Several Variables		<a href="#">KS KE U W T</a>	1			
<a href="#">FHLA05</a>	7.5	G1	X	E	Engineering Mechanics		<a href="#">KS KE U W T</a>		2		
<a href="#">EXTG50</a>	7.5	G2	-	E1	Human Physiology		<a href="#">KS KE U W T</a>		2		
<a href="#">EEMA01</a>	9	G1	-	S	Biomedical Design		<a href="#">KS KE U W T</a>		2	3	
<a href="#">FAFF45</a>	8	G2	-	S	Physics for Biomedicine		<a href="#">KS KE U W T</a>			3	
<a href="#">EITE90</a>	7.5	G2	-	S	Electromagnetics and Electronics		<a href="#">KS KE U W T</a>				4

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links					
							21/22 sp1	21/22 sp2	21/22 sp3	21/22 sp4		
<a href="#">BMEA05</a>	7.5	G1	-	S	Signals and Systems		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">UT</a>			4