

# Course of Study Biomedical Engineering (Study Cohort w23)

Sample course plan T Master Biomedical Engineering (MEDMS) Dual study program

Specialisation Artificial Organs and Regenerative Medicine

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1	<b>Applied Statistics</b>					<b>Medical Imaging Systems</b>					<b>Medical Basics and Pathology (part 2)</b>					<b>Master thesis (dual study program)</b>				
2	Applied Statistics VL 2					Medical Imaging Systems VL 4					Medical Basics and Pathology II VL 2									
3	Applied Statistics GÜ 1										Medical Basics and Pathology III VL 2									
4	Applied Statistics PBL 2																			
5																				
6																				
7	<b>Practical module 1 (dual study program, Master's degree)</b>					<b>Practical Course Product Development, Materials and Production</b>														
8	Practical term 1 0					Practical Course Product Development, Materials and Production PR 6														
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11																				
12																				
13						<b>Medical Basics and Pathology (part 1)</b>														
14						Medical Basics and Pathology I VL 2														
15						<b>Case Studie and Clinical Internship</b>														
16						Clinical Internship PR 1														
17						Casestudies Surgery and Internal Medicine SE 5														
18	<b>Regenerative Medicine</b>										<b>Practical module 3 (dual study program, Master's degree)</b>									
19	Regenerative Medicine SE 2										Practical term 3 0									
20	Lecture Tissue Engineering - Regenerative Medicine SE 2																			
21																				
22						<b>Practical module 2 (dual study program, Master's degree)</b>														
23	<b>Microsystems Technology in Theory and Practice</b>																			
24	Microsystems Technology VL 2																			
25	Microsystems Technology PBL 2																			
26																				
27																				
28																				
29	<b>Finite Elements Methods</b>										<b>Bioprocess Technology I</b>									
30	Finite Element Methods VL 2										Bioprocess Technology I VL 2									
31	Finite Element Methods HÜ 2										Bioprocess Technology I HÜ 2									
32											Bioprocess Technology I - Fundamental Practical Course PR 2									
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Business & Management (from catalogue) - 6LP																				
Linking theory and practice (dual study program, Master's degree) (from catalogue) - 6LP																				

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

