Legend
existing course
new course
result of merging/extension

		Foundations	TUW	MUW	30.0	*Module Name*
	1	MUW		1	6.0	Biological Basis of Disease
	2	MUW		1	6.0	Practice of Medicine
	3	MUW/TUW	0.5	0.5	6.0	Introduction to Digital Health
	4	MUW/TUW	0.5	0.5	6.0	Introduction to Biomedical Data Science and Analytics
	5	MUW/TUW	0.5	0.5	6.0	Advanced Software Engineering in the Biomedical Context
		Profiles			**51.0**	
	A	**Praktikum + Seminar**			**9.0**	
		MUW/TUW	0.5	0.5	6.0	Praktikum
		MUW/TUW	0.5	0.5	3.0	Seminar
	B	**Courses**			**42.0**	
					24.0	**Within a profile (12.0 recommended + 12.0 electives)**
					18.0	**Across profiles (18.0 electives)**

							Tracks										
							Bioinformatics		Neuroinformatics		Public Health Informatics		Mobile Health, Wearable, and Assistive Technologies		AI and Analytics in Clinical Decision Making		Electives (Applicable to All Tracks)
							Recomm	Elect	Recomm	Elect	Recomm	Elect	Recomm	Elect	Recomm	Elect	Elect
		MUW		1	6.0	Introduction to Molecular Biology	1										
		MUW		1	6.0	Bioinformatics	1										
		TUW	1		6.0	Modelling and Simulation in Health Sciences		1				1					
		MUW		1	6.0	ML in Medical Imaging and Precision Medicine		1		1					1		
		MUW/TUW	0.5	0.5	6.0	Advanced Machine Learning in Healthcare		1		1		1				1	
		TUW	1		6.0	Data Stewardship						1					1
		TUW	1		6.0	Medical Visualization and Visual Analytics		1		1					1		
		TUW	1		6.0	Virtual and Augmented Reality											1
		MUW		1	6.0	Introduction to Neuroscience			1								
		MUW		1	6.0	Neuroinformatics			1								
		MUW		1	6.0	Biomedical Signal Processing and Imaging				1						1	
		MUW		1	6.0	Computational Neuroscience				1							
		TUW	1		6.0	Computer Vision											1
		MUW		1	6.0	Public Health Policy and Healthcare Management					1						
		MUW		1	6.0	Methodological Foundations of Public Health Informatics					1						
		TUW	1		6.0	Logic-based Artificial Intelligence										1	1
		TUW	1		6.0	Artifact-Based Design								1			
		TUW	1		6.0	Wellbeing Technologies							1				
		TUW	1		6.0	Assistive Technologies							1				
		MUW		1	6.0	Prosthetics and Control Theory								1			
		TUW	1		6.0	Advanced Database Systems											1
		TUW	1		6.0	AI Ethics										1	
		TUW	1		6.0	Human-centered AI										1	
		TUW	1		6.0	Responsible Digital Ethics								1			1
		MUW		1	6.0	Standardized Health Information Management						1		1			1
		MUW		1	6.0	Generative/General AI						1				1	
		TUW	1		6.0	Information Visualization											1
		MUW/TUW (on demand)	0.5	0.5	3.0	Advanced Topics in Medical Informatics											1
			17.5	**17.5**			**12**	**24**	**12**	**30**	**12**	**30**	**12**	**24**	**12**	**36**	**45**
								36		**42**		**42**		**36**		**48**	

Free Electives and Transferrable Skills				**9.0**	

		Thesis			**30.0**	
		MUW/TUW	0.5	0.5	27.0	Master Thesis
		MUW/TUW	0.5	0.5	3.0	Seminar and Defense