

Study Plan M. Sc. Biophysics



Semester	Compulsory Biophysics Modules (30 CP)	CP	Adaptation Modules (9 CP)				ASQ (3 CP)	Specialization Modules (18 CP)	Research Projects (30 CP)	CP Semester	
1	• Biophysics: Fundamental Methods Lecture + Laboratory	9	for Physicists	CP	for Biologists and Chemists	CP	German Language Course 3 CP			27/29	
	• Biophysics Lab (from December; ungraded)	8									• Biology and Cell Biology
2	• Biophysics Seminar	4	• Practical Skills in Molecular Biology	2			Specialization Area 1 Major 12 CP	Specialization Area 2 Minor 6 CP		15/13 + Specialization	
	• Biophysics: Advanced Methods Laboratory (6 CP) + Lecture (3 CP) The lecture must be selected from the ones below: Molecular Motors Cellular Biophysics Gene Expression	9									
3							Specialization areas have to be chosen from the list below. The specialization courses can be taken in 2nd or 3rd Semester, depending on availability.	<ul style="list-style-type: none"> • Protein Biochemistry • Cell Biology and Genetics • Microbiology • Neurobiology • Toxicology • Biomaterials • Physics • Stochastics and Bioinformatics • Analytical Chemistry • Organic Chemistry 	Selected Research Project 15 CP This project can be done externally at another academic institute or company, after approval of the Examination Board	Biophysics Research Project 15 CP	30 or more
4	Master's Thesis 30 CP									30	