

SS 2018

Modul (MMB II)	Course	Number	ECTS
1 Dynamic Biochemistry (5ECTS)	Dynamic Biochemistry	301164 PS	5
2 Current Topics in Structural Biology (10 ECTS)	Structural Bioinformatics II	301186 VO	3
	Toolkit for in silico sequence analysis	301214 UE	3
	Advanced Biochemical and Biophysical Methods	301234 VO	3
	Modern Concepts in Structural Biology II	301248 SE	2
	Macromolecular Crystallography	301450 VO	3
	Biomolecular NMR-Spectroscopy	301461 VO	3
	Structure and Function of Proteins	301507 VO	2
3 Advanced Structural Biology Techniques (10 ECTS)	Laboratory Course C + Advanced Laboratory Course in Biochemistry	270109 UE	5
	Computational Structural Biology	301232 VO	3
	Exercises in Computational Structural Biology	301236 UE	2
	Practical Course in Structural Biology A	301853 UE	5
	Practical Course in Structural Biology B	301854 UE	5
4 Elective Laboratory Course Structural Biology (5 ECTS)	Laboratory Course C + Advanced Laboratory Course in Biochemistry	270109 UE	5
	Computational Structural Biology	301232 VO	3
	Exercises in Computational Structural Biology	301236 UE	2
	Elective Laboratory Course Advanced Biochemistry	301852 UE	5
	Practical Course in Structural Biology A	301853 UE	5
	Practical Course in Structural Biology B	301854 UE	5
	Elective Laboratory Course Structural Biology	301855 UE	5
No Modul, not on the semester list, but can be found (part of DK Training)	Biophysical chemistry of macromolecules	301463 VO	2
	Introduction into 3D cryo electron microscopy	301901 VO+UE	3

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Modul (MMB II)	Course	Number	ECTS
1 Dynamic Biochemistry (5ECTS)			
2 Current Topics in Structural Biology (10 ECTS)	Reading and Discussing Publications in Biochemistry	301165 SE	1
	Structural Bioinformatics I	301185 VO	3
	Next generation sequencing data analysis	301242 SE	3
	Modern Concepts in Structural Biology I	301247 SE	2
	Advanced Macromolecular Crystallography	301449 VO	3
	Current Trends in Bioanalytical Technologies	301465 SE	3
3 Advanced Structural Biology Techniques (10 ECTS)	Molecular Biophysics	301288 UE	10
	Mass Spectrometry based Proteomics	301641 UE	5
	Practical Course in Structural Biology A	301853 UE	5
	Practical Course in Structural Biology B	301854 UE	5
4 Elective Laboratory Course Structural Biology (5 ECTS)	Molecular Biophysics	301288 UE	10
	Mass Spectrometry based Proteomics	301641 UE	5
	Elective Laboratory Course Advanced Biochemistry	301852 UE	5
	Practical Course in Structural Biology A	301853 UE	5
	Practical Course in Structural Biology B	301854 UE	5

\* Part of DK Training

\* Not included in the DK Training