



Draft Teaching Program for DK-Plus SIBM (will be finalised soon)

Structure and Interaction of Biological Macromolecules

1 PROPEDEUTICS	6 SWSt	Semesterhours
<i>Compulsory:</i>		
Ethics and Good Scientific Practice		1 SWSt
Project Management and Patent Affairs		1 SWSt
 <i>Recommended:</i>		
Writing and speaking scientific English (TS)		2 SWSt
Methods Molecular Biochemistry/ Molecular Biology		2 SWSt
or others from the MUW syllabus		2 SWSt
2 BASIC COURSES	4 SWSt	"Basic aspects of Structural Biology" I and II
15 lectures @ 45 min, blocked WS		2 SWSt
15 lectures @ 45 min, blocked SS		2 SWSt
3 JOURNAL CLUB / PRESENTATIONS	12 SWSt	
<i>year 1</i>	JC/Presentation	WS 2 SWSt
	JC/Presentation	SS 2 SWSt
<i>year 2</i>	JC/Presentation	WS 2 SWSt
	JC/Presentation	SS 2 SWSt
<i>year 3</i>	JC/Presentation	WS 2 SWSt
	JC/Presentation	SS 2 SWSt
4 THESIS SEMINARS	8 SWSt	
Modern Concepts in Structural Biology		2 SWSt
Practicals: blocked 3 full days		
	X-ray	1 SWSt
	NMR	1 SWSt
	EM	1 SWSt
	Protein Purification	1 SWSt
	Data Analysis and Bioinformatics	1 SWSt
Choice e.g.	Advanced X-ray (KD)	1 SWSt
	Advanced NMR (RK)	
	Problem solving in Structural Biology (TS)	
	Structure and function of Proteins (TS)	