

## Curriculum Bachelor Programme Molecular Life Science of University Lübeck WS18/19

Sem.	Biology	Chemistry	Physics	Molecular Biosciences		Mathematics / Informatics	ECTS WWH	
1.	LS1000-KP08 Biology 1 (Basic Biology)	LS1100-KP10 General Chemistry	ME1010-KP06 Physics 1			MA2000-KP09 Analysis 1		
ECTS	8	10	6			9	33	
L/E/I/S	4/0/2/0	3/1/4/0	4/0/0/0			4/3/0/0	25	
2.	LS1500-KP06 Biology 2 (Genetics) (Histology)	LS1600-KP10 Organic Chemistry	ME1020-KP06 Physics 2			MA2500-KP05 Analysis 2		
ECTS	6	10	6			5	27	
L/E/I/S	2/0/0/0   1/0/2/0	3/1/4/0	4/0/0/0			2/2/0/0	21	
3.	MZ2200-KP06 Physiology	LS2600-KP06 Biological Chemistry	ME2053-KP04 Physics Lab Course	LS2200-KP04 Introduction into Biophysics	LS2000-KP10 Biochemistry 1			
ECTS	6	6	4	4	10		30	
L/E/I/S	4/0/0/1	4/0/0/0	0/0/3/0	2/0/1/0	4/0/4/0		23	
4.	LS2700-KP10 Cell Biology	LS2300-KP08 Biophysical Chemistry		LS2801-KP04 – LS2811-KP04 Optional Courses in MLS (chose one)	LS2510-KP10 Biochemistry 2			
ECTS	10	8		4	10		32	
L/E/I/S	4/0/4/0	3/1/3/0		3/0/0/0	4/0/4/0		26	
5.	MZ3000-KP05 Microbiology			LS3250-KP05 Applied MLS	LS3150-KP10 Molecular Biology	CS1400-KP04 Introduction into Bioinformatics	CS1012-KP08 Introduction to Computer Science 1	
ECTS	5			5	10	4	8	
L/E/I/S	2/0/2/0			2/0/0/2	2/1/3/2	2/1/0/0	4/3/0/0	
6.				MA1600-KP04 Biostatistics 1	LS3500-KP05 Introduction into Structural Analysis	CS1020-KP05 Introduction into Databases and System Biology		
ECTS				4	5	5	14	
L/E/I/S				2/1/0/0	2/1/0/1	2/1/1/0	11	
ECTS	LS3990-KP12 Bachelor Thesis Molecular Life Science							12
1.-6.							ECTS WWH	180 >130

L: Lecture, E: Exercises, I: Internship, S: Seminar, WWH = Weekly Work Hours, ECTS = Credit points (European Credit Transfer System)