Exemplary and overlap-free Curriculum (Stand: 13.06.2024)

Semester	Modules							Exams/ Credits
1.	CH0948 Inorganic Chemistry K + LL 9 CP	CH0936 Biochemistry 1 K + LL 9 CP	MA9601 Advanced Mathematics 1 K 5 CP	PH9034 Physics for Life Sciences K + LL 7 CP				7 30
2.	CH0109 Composition and Structure of Organic Compounds K 5 CP	LS20015 Biochemistry 2 K + LL (SL) 8 CP	MA9602 Introductory Statistics K 5 CP	ME2522 General Pharmacology for Students of Biological Sciences K 3 CP	WZ2036 Physiology of Humans, Animals and Plants K 8 CP			6 29
3.	WZ2634 Introduction to Bioinformatics K 5 CP	WZ2002 Introduction to Genetics K 5 CP	NAT0012 Organic Chemistry Practical Course LL 5 CP	CH0655 Physical Chemistry 1 K 5 CP	LS20000 Introduction to Microbiology (1)	NAT0011 Biological Chemistry Practical Course LL 5 CP	Elective Module z. B. K 5 CP	6 31
4.	WZ2009 Biochemical Analytics K 6 CP	CH0663 Cellular Biochemistry 1 K 5 CP	CH0665 Physical Chemistry 2 K 5 CP	LS20027 Introduction to Biotechnology (3 CP)		LS0013 Biochemistry 3 K 5 CP	Elective Module Interdisciplinary Qualifications z. B. B (2 CP)	7 30
5. Mobility Window	MW2094 Biochemical Engineering K + LL 8 CP	WZ2033 Proteins, Protein Engineering and Immunological Processes K 5CP	WZ2645 Cell Culture and Molecular Genetics K 5 CP	 K (2 CP) 5 CP	Elective Module z. B. K 5 CP	Elective Module z. B. K 5 CP		7 30
6.	WZ2034 Molecular Bacterial Genetics and Metabolic Engineering K 5 CP	WZ2035 Regulatory and economic basics of Biotechnology K 5 CP	Elective Module z. B. K 5 CP	Elective Module Interdisciplinary Qualifications z. B. K (3 CP) 5 CP	LS 90000 Bachelor's Thesis W 12 CP			5 30

Key

Grey = required Module
Light Blue = Elective Module
Orange = Elective Module Interdisciplinary Qualifications
Dark Blue = required Module Bachelor's Thesis

CP = Credit Points
K = written exam; M = oral exam
W = research paper
LL = laboratory course; B = report
SL = course work