

Curriculum BSc Applied Biology

Sem.	ECTS	Course (Contact hours - SWS: Divided into Lecture/Exercise/Practical)						
1.	30	Mathematics 4/2/0 SWS 6 ECTS	Laboratory Skills 1/1/0 SWS Computing Sciences 2/0/2 SWS 7 ECTS	Cell Biology 3/2/1 SWS 7 ECTS	General Chemistry 2/2/2 ECTS 7 ECTS	Languages 1 0/3/0 SWS 3 ECTS		
2.	30	Physics/Statistics 3/2/1 SWS 6 ECTS	Microbiology 2/2/2 SWS 7 ECTS	Human Biology, Histology 3/1/2 SWS 7 ECTS	Organic Chemistry 3/2/1 SWS 7 ECTS	Languages 2 0/3/0 SWS 3 ECTS		
3.	30	Instrumental Analytics 2/3/1 SWS 7 ECTS	Medical Microbiology 2/2/2 SWS 6 ECTS	Physiology 3/1/2 SWS 7 ECTS	Molecular Genetics 4/0/2 SWS 7 ECTS	Measuring Techniques 1/1/1 SWS 3 ECTS		
4.	30	Biochemistry 4/1/2 SWS 7 ECTS	Bioinformatics / Data Analytics 3/3/0 SWS 7 ECTS	Immunology 2/2/2 SWS 7 ECTS	Elective Course A-1 3 ECTS	Elective Course A-2 3 ECTS	Cell Culture 1/0/2 3 ECTS	
5.	30	Genetic Engineering 2/2/2 SWS 7 ECTS	Structural Biology 2/2/2 SWS 7 ECTS	Developmental Biology 2/2/2 SWS 7 ECTS	Elective Course B-1 3 ECTS	Elective Course B-2 3 ECTS	Elective Course C 3 ECTS	
6.	30	3 months practical training 18 ECTS				Final Project including colloquium 12 ECTS		

Empfohlene Lehreinheiten im Ausland