

Bachelor Program in Chemistry Curriculum*

Module	1st term	2nd term	3rd term	4th term	5th and 6th term									
Compulsory Modules (164 Credits)														
General Chemistry (BChGC)	2 L, 2 Ex 5 6 P, 2 S 7 1 T													
Mathematics (BChM)	2 L, 1 Ex 4	2 L, 1 Ex 4												
Basic Physics (BChPh1)	3 L, 1 Ex 4	3 L, 1 Ex 4												
Physics Lab Course (BChPh2)			3 P, 1 S 4											
Main Group Elements and Transition Metals (BChAC1)	3 L, 1 Ex 6 1 T	3 L, 1 Ex 4												
Exp. Inorganic Chem. (BChAC2)		12 P, 2 S 10												
Methods of Syntheses (BChSC1)					2 L 2 2 L 2									
Exp. Synthetic Chem. (BChSC2)					12 P, 1 S 8 2 S 2									
Basic Organic Chem. (BChOC1)			3 L, 1 Ex 5	3 L, 1 Ex 5										
Exp. Organic Chem. (BChOC2)				12 P, 2 S 10										
Quantitative Analysis (BChAn1)		2 L, 1 Ex 4	6 P, 1 S 6		4 P, 1 S (4)									
Instrument. Analysis (BChAn2)				1 L, 1 S 2	2 L, 1 Ex 4									
Thermodynamics (BChPC1)	2 L, 1 Ex 4	2 L, 1 Ex 4			4 P, 1 S (4)									
Kinetics + Exp.Phys.Ch. (BChPC2)			2 L, 1 Ex 4 6 P, 1 S 6											
Structure of Matter (BChPC3)			2 L, 2 Ex 5	3 L, 1 Ex 5										
Special Expertises (BChSK)														
Food Chemistry					1 L, 3 P, (4)									
Biological Chemistry				2 L, 1 Ex 4	4 P, 1 S (4)									
Macromol. Chemistry				2 L, 1 Ex 4										
Chemistry Law					1 L 1									
Toxicology					1 L 1									
Compulsory Elective** (BChWP)					8 P, 2 S 8									
SWS*	LP	28	30	31	30	29	30	30	30	24	20	14	12	
Bachelor Thesis and Seminar											8 weeks (equivalent) 12			
Elective Modules (16 Credits)														
Choice of Accredited Courses of the University										ca. 10-15		<i>max. 16</i>		
<i>and/or</i> Tutorial Activity										ca. 2		<i>max. 4</i>		
<i>and/or</i> Industrial Practical Training										per 30 h (incl. report)				<i>1</i>
SWS*	LP	25	30	29	30	31	30	32	30	60				

*Numbers (SWS) are weekly hours during the lecture period with L = Lecture, Ex = Exercise, P = Lab Course, S = Seminar, T = Tutorial; Numbers in italics are the number of Credits assigned to the course or module.

****Compulsory Elective:** A choice of 2 courses each with 4 Credits has to be taken.