

Module Overview B.Sc. Chemistry - 9 Semesters (Variant 1)

Degree Programme Guidelines as per 01.10.2022, State: 01.10.2022 (SB2022II)

The degree programme consists of 180 Credit Points (CP) in total:

Mandatory Subject Area:	109 CP	■	Elective Subject Area:	9-14 CP	■
Mandatory Laboratories:	42 CP	■	Bachelor's Thesis:	12 CP	■
Studium Generale:	3-8 CP	■			

Language of Tuition:
GERMAN
Certificates required



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This leads to the following *possible* part-time semester course schedule:

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	8. Semester	9. Semester	
Orientation and Mentoring (0 CP)						Physical Chemistry IV (4 CP)		Bachelor's Thesis (12 CP)	
Safety Instruction (0 CP)				Project „DaMocles“ (2 CP)		Introduction to Macromolecular Chemistry I (5 CP)			
General Chemistry (8 CP)		Analytic Chemistry (3 CP)	Inorganic Chemistry I (4 CP)	Inorganic Chemistry II (4 CP)		Computational Theoretical Chemistry (3 CP)			
Physics I (5 CP)	Physics II (5 CP)	Organic Chemistry I (7 CP)	Organic Chemistry II (8 CP)	Introduction to Biochemistry I (5 CP)	Physical Chemistry III (4 CP)	Instrumental Methods I (5 CP)	Chemical Technology I (7 CP)		
Mathematics (8 CP)	Physical Chemistry I (8 CP)	Physical Chemistry II (8 CP)	Basic Laboratory Course in Inorganic Chemistry (11 CP)	Toxicology (1 CP)	Basic Laboratory Course in Organic Chemistry (10 CP)	Instrumental Methods II (3 CP)	Basic Laboratory Course in Chemical Technology (7 CP)		
Laboratory Course in General Chemistry (2 CP)	Basic Laboratory Course in Physical Chemistry (4 CP)	Basic Laboratory Course in Analytic Chemistry (5 CP)		Chemical Law (2 CP)		Basic Laboratory Course in Physics (3 CP)			
				Elective Subject Area - Chemical electives (9-14 CP)					
				Studium Generale (3-8 CP) *					
Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP		Ø 20 CP

* These courses may be chosen from the general TU Darmstadt course catalogue (except catalogue of the Department of Chemistry).