

Module Overview B.Sc. Chemie - 9 Semesters (Variant 2)

Degree Programme Guidelines as per 01.10.2022, State: 01.06.2024 (SB2024I)

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