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

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	🟦
Mandatory Laboratories:	42 CP	🟨
Studium Generale:	3-8 CP	🟪

Elective Subject Area:	9-14 CP	🟩
Bachelor's Thesis:	12 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)	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)	
Safety Instructions (0 CP)		Organic Chemistry I (7 CP)	Organic Chemistry II (8 CP)	Mathematics (8 CP)	Chemical Technology I (7 CP)	Computational Theoretical Chemistry (3 CP)		
General Chemistry (8 CP)		Toxicology (1 CP)		Introduction to Biochemistry I (5 CP)		Introduction to Macromolecular Chemistry I (5 CP)		Bachelor's Thesis (12 CP)
Physics I (5 CP)	Physics II (5 CP)	Chemical Law (2 CP)				Instrumental Methods I (5 CP)	Basic Laboratory Course in Physical Chemistry (4 CP)	
Analytic Chemistry (3 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)	
Laboratory Course in General Chemistry (2 CP)							Elective Subject Area - Chemical electives (9-14 CP)	
Basic Laboratory Course in Analytic Chemistry (5 CP)			Studium Gernerale (3-8 CP)				Studium Gernerale (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).