

Module Overview B.Sc. Chemistry (12 Semesters) - Variant 1

Degree Programme Guidelines as per 01.03.2013, Version 01.04.2016

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

Mandatory Subject Area: 105 CP ■

Mandatory Laboratories: 45 CP ■

Elective Subject Area: 18 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
Orientation I (0 CP)	Inorganic Chemistry I (4 CP)	Inorganic Chemistry II (4 CP)	Physical Chemistry I (8 CP)	Organic Chemistry I (7 CP)	Orientation II (0 CP)
General Chemistry (8 CP)		Mathematics (8 CP)		„DaMocles“ Project (2 CP)	Specific Instrumental Analytics <i>or</i> Computer Applications in Chemistry (5 CP)
Analytic Chemistry (3 CP)				Introduction to Biochemistry (5 CP)	
Basic Laboratory Course in General Chemistry (2 CP)					
Basic Laboratory Course in Analytic Chemistry (5 CP)	Basic Laboratory Course in Inorganic Chemistry (11 CP)		Basic Laboratory Course in Physical Chemistry (7 CP)		Basic Laboratory Course in Organic Chemistry (10 CP)
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP
7. Semester	8. Semester	9. Semester	10. Semester	11. Semester	12. Semester
Physical Chemistry II (8 CP)	Physical Chemistry III (5 CP)	Elective Course IV <i>(other Departments)</i> (6 CP)	Physics II (5 CP)	Elective Course I <i>(Department of Chemistry)</i> (3 CP)	Bachelor's Thesis (12 CP)
Introduction to Macromolecular Chemistry (5 CP)	Organic Chemistry II (8 CP)	Physics I (5 CP)	Chemical Technology I (7 CP)	Elective Course II <i>(Department of Chemistry)</i> (6 CP)	
		Instrumental Analytics (5 CP)			
		Toxicology (1 CP)			
Basic Laboratory Course in Physics (3 CP)		Chemical Law (2 CP)		Basic Laboratory Course in Chemical Technology (7 CP)	Elective Course III <i>(other Departments)</i> (3 CP)
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP