Module Overview B. Ed. Chemical Engineering (12 Semesters)

Degree Programme Guidelines as per 01.10.2014, Version 01.10.2017

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

Vocational Field of Studies

Specialised Science:
Subject-related Didactics:
Bachelor's Thesis:

Educational and Social Sciences: 30 CP

100 CP 20 CP 10 CP

Non-Vocational Field of Studies

Specialised Science: 10 CP
 Subject-related Didactics: 10 CP

Language of Tuition: GERMAN

Certificates required



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

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1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	
General Chemistry (8 CP)	Physical Chemistry A (4 CP)	Inorganic-Analytic Chemistry (3 CP)	Inorganic Chemistry I – Nonmetals (4 CP)	Inorganic Chemistry II – Metals (4 CP)	Basic Laboratory Course in Inorganic Chemistry (11 CP	
Fundamentals of Vocational Pedagogy (5 CP)	Technical Chemistry I (7 CP)	Basic Laboratory Course in Analytic Chemistry (5 CP)	Basic Laboratory Course in Physical Chemistry (3 CP)	Organic Chemistry I (7 CP)		
		Physical Chemistry B (4 CP)	Basic Laboratory Course Technical Chemistry (7 CP)			
	Teaching and Learning in Vocational Education (9 CP) School practical Studies or Practical			al extracurricular Studies I (10 CP)		
Social Sciences						
Elective Subjects Chemistry						
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	
Basic Laboratory Course in Organic Chemistry I (10 CP)	Organic Chemistry II (8 CP)	Technical Didactics (5 CP)	"DaMocles" Project (2 CP)	Basic Laboratory Course and Organic Chemistry II (7 CP)	Bachelor's Thesis	
			Inter-Semester Teamwork (6 CP)		(10 CP)	
	Non-Vocational Field of Studies: Specialised Science (10 CP)					
	Non-Vocational Field of Studies: Subject-related Didactics (10 CP)					
Social Sciences (6 CP)						
Elective Subjects Chemistry (15 CP)						
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	