

Structure			CP in semester				Exam
Areas Modules	LP	SWS	1 WiSe	2 SoSe	3 WiSe	4 SoSe	Number of exams
Examination area A: Compulsory modules ("Pflichtmodule")			90				
A1 - Chemistry			17				
Introductory Chemistry	3	2V	3				1
Physical Chemistry	5	3V+1S	5				1
Surfaces, Interfaces, Heterogeneous Catalysis, Electrocatalysis	5	3V+1S		5			1
Materials Chemistry	4	3V		4			1
A2 - Materials Science			10				
Materials Science I	5	3V+1S	5				1
Materials Science II	5	3V+1S		5			1
A3 - Energy Science and Technology			33				
Introductory Laboratory	4	5P	4				LN
Renewable and conventional Energy Production	4	2V+1S	4				1
Energy Technology Laboratory I	4	5P		4			LN
Energy Technology Laboratory II	4	5P			4		LN
Energy Science and Technology III - Batteries and Fuel Cells	5	3V+1S			5		1
Seminar in Energy Science and Technology	3	2S			3		1
Project work in Energy Science and Technology	9	12P		9			LN
A4 - Master's Thesis			30				
Master's Thesis	30	6 Months				30	1
Examination area B: Compulsory elective modules ("Wahlpflichtmodule")			22				
B - Electives in Chemistry and/or Energy Science and Technology			min. 22				
Electives in Chemistry	min. 22	i.e. 6V+6S	22				4-6
Electives in Energy Science and Technology							
Examination area C: Supplementary modules ("Ergänzungsmodule")			8				
C - Transferable Skills, Language skills, other subjects			min. 8				
Electives	min. 8	i.e. 4V+2S	8				2-3
	120		30	30	30	30	

Legend

SWS = weekly attendance hours ("Semesterwochenstunden"), LN = Study achievement ("Leistungsnachweis")

V = lecture ("Vorlesung"), S = Seminar, P = lab course ("Praktikum"), CP = credit points ("Leistungspunkte")

Compulsory elective Area ("Wahlpflichtmodule")

Please choose as you wish from the offered selection of modules in area B1. You must achieve at least 22 CP.

Supplementary Area ("Ergänzungsmodule")

Choose as you wish from modules from the ASQ pool or non-chemical subjects.