

Study Course "Chemical and Energy Engineering"

Modul	Hours	1. SS	2. WS	3. SS	4. WS	Credit Points
Fundamental Subjects (Compulsory)	(38)				M	(54)
Chemistry	3	3			A	5
Advanced Fluid Dynamics	3	3			S	5
Advanced Heat and Mass Transfer	4	4			T	5
Mechanical Process Engineering	4	4			E	5
Chemical Reaction Engineering	4	4			R	5
Thermal Process Engineering	4		4		T	5
Process System Engineering	3		3		H	5
Combustion Engineering	3		3		E	5
Plant Design	3		3		S	5
Laboratory work and Excursion	7	2	3	2	I S	9
Selective Subjects from list:	27	3	3	21		36
Chemical Engineering						
Energy Engineering						
Environmental Engineering						
Safety Engineering						
Master Thesis						30
Sum SWS	65	23	19	23		
Sum CP		32	28	30	30	120

Start: Summer Semester

Modul	Hours	1. WS	2. SS	3. WS	4. SS	Credit Points
Fundamental Subjects (Compulsory)	(38)				M	(54)
Chemistry	3		3		A	5
Advanced Fluid Dynamics	3		3		S	5
Advanced Heat and Mass Transfer	4		4		T	5
Mechanical Process Engineering	4		4		E	5
Chemical Reaction Engineering	4		4		R	5
Thermal Process Engineering	4	4			T	5
Process System Engineering	3	3			H	5
Combustion Engineering	3	3			E	5
Plant Design	3	3			S	5
Laboratory work and Excursion	7	3	2	2	I S	9
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Chemical Engineering						
Energy Engineering						
Environmental Engineering						
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Sum SWS	65	19	23	23		
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Start: Winter Semester