Study pla CPs	n Raw Materials and Pro 1. Semester	2. Semester	-2019 3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	8. Semester
1	1. Gemeater	2. Cemester	J. Cemester		J. Comester	0. Cemester	1. Cemeater	0. Cemester
2	Mathematics I 8 CP (4 UoIL, 4 UoIR)	Mathematics II 8 CP (4 UoIL, 4 UoIR)	Physics 8 CP (2 UoIL, 2 UoIR, 4 UoILab)	Measurement and Control 4 CP (2 UoIL, 1 UoIR, 1 UoILab)	Introduction to Mining 6 CP (3 UoIL, 1 UoIR, 1 UoIFt)	Fossil Fuel Technology 4 CP (2 UoIL, 2 UoIR)	Chemical Reaction Engineering 4 CP (2 UoIL, 1 UoIR)	Bachelor Thesis + Colloquium 12 CP
3								
4								
5								
6				Properties of Rocks 4 CP (2 UoIL, 2 UoIR)		Mechanical Process Engineering II 6 CP (2 UoIL, 1 UoIR, 1 UoILab, 1UoIFt)	Heat and Mass Transfer 4 CP (2 UoIL, 1 UoIR)	
7					Mechanical Process Engineering I + Process Mineralogy 6 CP (2 UoIL, 2 UoIR, 1 UoILab)			
8								
9		Materials Science 6 CP (2 UolL, 2 UoIR; 2 UoILab)	Statistics and Numerics 4 CP (2 UoIL, 2 UoIR)	Fluid Mechanics 4 CP (2 UoIL, 2 UoIR)			Hydrometallurgy 6 CP (2 UolL, 2 UolR, 1 UolL, 1 UolFt)	
10	Chemistry 6 CP (4 UoIL, 2 UoIR)							
11						Mining and Environment 4 CP (2 UoIL, 1 UoIR, 1 UoIFt)		
12								
13			Engineering Thermodynamics	Scientific Methods	Thermodynamics for Chemical Engineering			Process Systems Engineering 8 CP (3 UoIL, 2 UoIR, 1 UoILab)
14				2 CP (2 UoIR)				
15	Engineering Mechanics I (Statics) 5 CP (2 UoIL, 2 UoIR)	Chemistry: Laboratory 4 CP (4 UolLab)	4 CP (2 UoIL, 2 UoIR)		4 CP (2 UoIL, 2 UoIR)	Industrial Internship + Reflection 14 CP 14 Weeks	Thermal Unit Operations 6 CP (2 UolL,1UoIR, 2 UolLab)	
16			(2 001L, 2 001K)	CAD	(2 001L, 2 001K)			
17				4 CP (1 UoIL, 3 UoILab Engineering Mechanics III (Mechanics of Materials) 5 CP (2 UoL, 2 UoR)	Raw Materials and Recycling 4 CP (2 UoIL, 1 UoIR)			
18			Engineering Design					
19		Engineering Mechanics II (Dynamics) 4 CP (2 UoIL, 2 UoIR)	4 CP (2 UoIL, 2 UoIR)					
20	Introduction to Computer Science 4 CP (1 UoIL, 3 UoIL)							
21			Introduction to Electrical Engineering 4 CP (2 UoIL, 2 UoIR)		Health-Safety- Environment 4 CP (2 UoIL, 1 UoIR, 1 UoIFt)		Scientific Writing 4 CP (2 UoIR)	Final Study Project 6 CP (2 weeks + report + presentation + excursion)
22								
23		Introduction to Geosciences 4 CP (2 UoIL, 2 UoIR)						
24	Intercultural Communication and Competence 2 CP (2 UoIL) Engineering Project (1 week) 2 CP			Engineer in Society 4 CP (2 UoIL, 2 UoIR)				
25			Introduction to		Electives 3 CP		Electives 3 CP	
26								
27		Technical English 3 CP (4 UoIR)	Economics 4 CP (2 UoIL, 2 UoIR)					
28	Electives 3 CP			Life Science 3 CP (3 UoIL)	Electives 3 CP		Electives 3 CP	
29			Electives 3 CP			Electives 3 CP		
30		Electives 3 CP						
31								
32								
CP total								
per semester	30	32	31	30	30	31	30	26