

Study plan Raw Materials and Process Engineering: 2018-2019

CPs	1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	8. Semester
1	Mathematics I 8 CP (4 UoL, 4 UoIR)	Mathematics II 8 CP (4 UoL, 4 UoIR)	Physics 8 CP (2 UoL, 2 UoIR, 4 UoILab)	Measurement and Control 4 CP (2 UoL, 1 UoIR, 1 UoILab)	Introduction to Mining 6 CP (3 UoL, 1 UoIR, 1 UoIFt)	Fossil Fuel Technology 4 CP (2 UoL, 2 UoIR)	Chemical Reaction Engineering 4 CP (2 UoL, 1 UoIR)	Bachelor Thesis + Colloquium 12 CP
2				Properties of Rocks 4 CP (2 UoL, 2 UoIR)				
3				Fluid Mechanics 4 CP (2 UoL, 2 UoIR)		Mechanical Process Engineering I + Process Mineralogy 6 CP (2 UoL, 2 UoIR, 1 UoILab)	Hydrometallurgy 6 CP (2 UoL, 2 UoIR, 1 UoL, 1 UoIFt)	
4								
5				Engineering Thermodynamics 4 CP (2 UoL, 2 UoIR)		Thermodynamics for Chemical Engineering 4 CP (2 UoL, 2 UoIR)		
6							Engineering Design 4 CP (2 UoL, 2 UoIR)	
7				Engineering Mechanics III (Mechanics of Materials) 5 CP (2 UoL, 2 UoR)		Health-Safety-Environment 4 CP (2 UoL, 1 UoIR, 1 UoIFt)		
8							Engineer in Society 4 CP (2 UoL, 2 UoIR)	
9	Introduction to Electrical Engineering 4 CP (2 UoL, 2 UoIR)	Electives 3 CP						
10			Introduction to Geosciences 4 CP (2 UoL, 2 UoIR)	Electives 3 CP				
11	Introduction to Economics 4 CP (2 UoL, 2 UoIR)	Electives 3 CP						
12			Life Science 3 CP (3 UoL)	Electives 3 CP				
13	Electives 3 CP	Electives 3 CP						
14			Electives 3 CP	Electives 3 CP				
15	Electives 3 CP	Electives 3 CP						
16			Electives 3 CP	Electives 3 CP				
17	Electives 3 CP	Electives 3 CP						
18			Electives 3 CP	Electives 3 CP				
19	Electives 3 CP	Electives 3 CP						
20			Electives 3 CP	Electives 3 CP				
21	Electives 3 CP	Electives 3 CP						
22			Electives 3 CP	Electives 3 CP				
23	Electives 3 CP	Electives 3 CP						
24			Electives 3 CP	Electives 3 CP				
25	Electives 3 CP	Electives 3 CP						
26			Electives 3 CP	Electives 3 CP				
27	Electives 3 CP	Electives 3 CP						
28			Electives 3 CP	Electives 3 CP				
29	Electives 3 CP	Electives 3 CP						
30			Electives 3 CP	Electives 3 CP				
31	Electives 3 CP	Electives 3 CP						
32			Electives 3 CP	Electives 3 CP				
CP total per semester	30	32			31	30	30	31