

Study plan Environmental 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 UoR)	Mathematics II 8 CP (4 UoL, 4 UoR)	Physics 8 CP (2 UoL, 2 UoR, 4 UoLab)	Measurement and Control 4 CP (2 UoL, 1 UoR, 1 UoLab)	Soil Science 6 CP (1 UoL, 2 UoR, 1 UoFt, 1 UoLab)	Wastewater Treatment 6 CP (2 UoL, 1 UoR, 2 UoLab)	Water Supply 8 CP (2 UoL, 2 UoR, 2 Uo Ft/Lab)	Bachelor Thesis + Colloquium 12 CP										
2				Properties of Rocks 4 CP (2 UoL, 2 UoR)					Principles of Water Management 6 CP (2 UoL, 2UoR)	Mining and Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)								
3																		
4				Chemistry 6 CP (4 UoL, 2 UoR)							Materials Science 6 CP (2 UoL, 2 UoR, 2 UoLab)	Statistics and Numerics 4 CP (2 UoL, 2 UoR)	Fluid Mechanics 4 CP (2 UoL, 2 UoR)	Energy Systems 6 CP (2 UoL, 1 UoR, 1 UoFt)	Solid Waste Technologies 6 CP (2 UoL, 2 UoR, 1UoFt)			
5																		
6																Engineering Thermodynamics 4 CP (2 UoL, 2 UoR)	Air Pollution 6 CP (2 UoL, 2 UoR, 1UoFt)	Remediation of Contaminated Sites 4 CP (2 UoL, 1 UoR)
7																		
8																Engineering Design 4 CP (2 UoL, 2 UoR)		
9																		
10	Engineering Mechanics I (Statics) 5 CP (2 UoL, 2 UoR)	Chemistry: Laboratory 4 CP (4 UoLab)	CAD 4 CP (1 UoL, 3 UoLab)		Final Study Project 6 CP (2 weeks + report + presentation + field trip)													
11																		
12	Introduction to Computer Science 4 CP (1 UoL, 3 UoL)	Engineering Mechanics II (Dynamics) 4 CP (2 UoL, 2 UoR)	Introduction to Electrical Engineering 4 CP (2 UoL, 2 UoR)	Geoecology 4 CP (2 UoL, 2 UoR)		GIS 4 CP (3 UoLab)	Electives 3 CP											
13																		
14	Intercultural Communication and Competence 2 CP (2 UoL)	Introduction to Geosciences 4 CP (2 UoL, 2 UoR)	Introduction to Economics 4 CP (2 UoL, 2 UoR)	Engineer in Society 4 CP (2 UoL, 2 UoR)		Raw Materials and Recycling 4 CP (2 UoL, 1 UoR)	Electives 3 CP											
15																		
16	Engineering project (1 week) 2 CP	Technical English 3 CP (4 UoR)	Introduction to Economics 4 CP (2 UoL, 2 UoR)	Engineer in Society 4 CP (2 UoL, 2 UoR)		Raw Materials and Recycling 4 CP (2 UoL, 1 UoR)	Electives 3 CP											
17																		
18	Electives 3 CP	Electives 3 CP	Law 3 CP (2 UoL, 1 UoR)	Health-Safety-Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)	Electives 3 CP	Electives 3 CP												
19																		
20	Electives 3 CP	Electives 3 CP	Life Science 3 CP (3 UoL)	Health-Safety-Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)	Electives 3 CP	Electives 3 CP												
21																		
22	Electives 3 CP	Electives 3 CP	Life Science 3 CP (3 UoL)	Health-Safety-Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)	Electives 3 CP	Electives 3 CP												
23																		
24	Electives 3 CP	Electives 3 CP	Life Science 3 CP (3 UoL)	Health-Safety-Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)	Electives 3 CP	Electives 3 CP												
25																		
26	Electives 3 CP	Electives 3 CP	Life Science 3 CP (3 UoL)	Health-Safety-Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)	Electives 3 CP	Electives 3 CP												
27																		
28	Electives 3 CP	Electives 3 CP	Life Science 3 CP (3 UoL)	Health-Safety-Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)	Electives 3 CP	Electives 3 CP												
29																		
29	Electives 3 CP	Electives 3 CP	Life Science 3 CP (3 UoL)	Health-Safety-Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)	Electives 3 CP	Electives 3 CP												
30																		
30	Electives 3 CP	Electives 3 CP	Life Science 3 CP (3 UoL)	Health-Safety-Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)	Electives 3 CP	Electives 3 CP												
31																		
31	Electives 3 CP	Electives 3 CP	Life Science 3 CP (3 UoL)	Health-Safety-Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)	Electives 3 CP	Electives 3 CP												
32																		
32	Electives 3 CP	Electives 3 CP	Life Science 3 CP (3 UoL)	Health-Safety-Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)	Electives 3 CP	Electives 3 CP												
33																		
CP total per semester	30	32	31	32	30	30	30	25										