

Study plan Industrial 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)	Fundamentals of Strategy and Marketing Management 6 CP (2 UoL, 2 UoR)	Business Informatics 6 CP (2 UoL, 2 UoLab)	Supply Chain Management 6 CP (2UoL, 2 UoR)	Bachelor Thesis + Colloquium 12 CP
2								
3								
4								
5								
6								
7								
8								
9	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)	Management Accounting 5 CP (2 UoL, 2 UoR)	Finance I 4 CP (2 UoL, 2 UoR)	Finance II 4 CP (2 UoL, 2 UoR)	Operations Management 6 CP (2 UoL, 2 UoLab)	Bachelor Thesis + Colloquium 12 CP
10								
11								
12								
13								
14								
15								
16								
17	Engineering Mechanics I (Statics) 5 CP (2 UoL, 2 UoR)	Chemistry: Laboratory 4 CP (4 UoLab)	Engineering Thermodynamics 4 CP (2 UoL, 2 UoR)	Fluid Mechanics 4 CP (2 UoL, 2 UoR)	Project Management and Organizational Behavior 6 CP (2 UoL, 2 UoR)	Industrial Internship + Reflection 14 CP 14 Weeks	Engineering Electives 4 CP	Quality Management 6 CP (2UoL, 2 UoR)
18								
19								
20								
21								
22								
23								
24								
25	Engineering Mechanics II (Dynamics) 4 CP (2 UoL, 2 UoR)	Engineering Design 4 CP (2 UoL, 2 UoR)	Scientific Methods 2 CP (2 UoR)	CAD 4 CP (1 UoL, 3 UoLab)	Engineering Electives 6 CP	Industrial Internship + Reflection 14 CP 14 Weeks	Business Electives 4 CP	Quality Management 6 CP (2UoL, 2 UoR)
16								
17								
18								
19								
20								
21								
22								
23	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)	Geoeology 4 CP (2 UoL, 2 UoR)	Health-Safety-Environment 4 CP (2 UoL, 1 UoR, 1 UoFt)	Engineering Electives 4 CP	Electives 3 CP	Final Study Project 6 CP (2 weeks + report + presentation + excursion)
20								
21								
22								
23								
24								
25								
26								
27	Introduction to Geoscience 4 CP (2 UoL, 2 UoR)	Introduction to Economics 4 CP (2 UoL, 2 UoR)	Engineer in Society 4 CP (2 UoL, 2 UoR)	Law 3 CP (2 UoL, 1UoR)	Engineering Electives 4 CP	Electives 3 CP	Electives 3 CP	
24								
25								
26								
27								
28								
29								
30								
31	Intercultural Communication and Competence 2 CP (2 UoL)	Technical English 3 CP (4 UoR)	Introduction to Economics 4 CP (2 UoL, 2 UoR)	Law 3 CP (2 UoL, 1UoR)	Engineering Electives 4 CP	Electives 3 CP	Electives 3 CP	
24								
25	Engineering Project (1 week) 2 CP	Technical English 3 CP (4 UoR)	Introduction to Economics 4 CP (2 UoL, 2 UoR)	Law 3 CP (2 UoL, 1UoR)	Engineering Electives 4 CP	Electives 3 CP	Electives 3 CP	
26								
27	Electives 3 CP	Technical English 3 CP (4 UoR)	Electives 3 CP	Law 3 CP (2 UoL, 1UoR)	Engineering Electives 4 CP	Electives 3 CP	Electives 3 CP	
28								
29	Electives 3 CP	Electives 3 CP	Electives 3 CP	Law 3 CP (2 UoL, 1UoR)	Engineering Electives 4 CP	Electives 3 CP	Electives 3 CP	
30								
31	Electives 3 CP	Electives 3 CP	Electives 3 CP	Law 3 CP (2 UoL, 1UoR)	Engineering Electives 4 CP	Electives 3 CP	Electives 3 CP	
32								
CP total per semester	30	32	31	30	29	31	30	27

business related electives c

- * Human Resources Manag
- * Business Law
- * Business English
- * Entrepreneurship
- * Fiancial Risk Management
- * Data Analysis and Multivar