

Semester 1

Unit teaching	Materials	Credits	Coefficient	Hourly volume weekly			Volume Hourly Biannual (15 weeks)	Work Complementary in consultation (15 weeks)	Assessment method	
	Titled			Course	TD	TP			Control Continuous	Exam
Fundamental EU Code: UEF 1.1 Credits: 18 Coefficients: 9	Mathematics 1	6	3	3h00	1h30		67h30	82h30	40%	60%
	Physics 1	6	3	3h00	1h30		67h30	82h30	40%	60%
	Structure of matter	6	3	3h00	1h30		67h30	82h30	40%	60%
Methodological EU Code: UEM 1.1 Credits: 9 Coefficients: 5	Physics 1 Practical Work	2	1			1h30	10:30 p.m.	27:30	100%	
	Chemistry 1 practical work	2	1			1h30	10:30 p.m.	27:30	100%	
	Computer Science 1	4	2	1h30		1h30	45h00	55h00	40%	60%
	Writing methodology	1	1	1h00			3:00 p.m.	10:00 a.m.		100%
EU Discovery Code: UED 1.1 Credits: 1 Coefficients: 1	Careers in Science and Technologies 1	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
E Transversal Code: UET 1.1 Credits: 2 Coefficients: 2	Ethical and deontological dimension (the foundations)	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
	Foreign language 1 (French or English)	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Total semester 1		30	17	4:00 p.m.	4:30 a.m.	4:30 a.m.	375 hours	375 hours		

Semester 2

Unit teaching	Materials	Credits	Coefficient	Hourly volume weekly			Volume Hourly Biannual (15 weeks)	Work Complementary in consultation (15 weeks)	Assessment method	
	Titled			Course	TD	TP			Control Continuous	Exam
Fundamental EU Code: UEF 1.2 Credits: 18 Coefficients: 9	Mathematics 2	6	3	3h00	1h30		67h30	82h30	40%	60%
	Physics 2	6	3	3h00	1h30		67h30	82h30	40%	60%
	Thermodynamics	6	3	3h00	1h30		67h30	82h30	40%	60%
Methodological EU Code: UEM 1.2 Credits: 9 Coefficients: 5	Physics 2 Practical Work	2	1			1h30	10:30 p.m.	27:30	100%	
	Chemistry 2 practical work	2	1			1h30	10:30 p.m.	27:30	100%	
	Computer Science 2	4	2	1h30		1h30	45h00	55h00	40%	60%
	Presentation methodology	1	1	1h00			3:00 p.m.	10:00 a.m.		100%
EU Discovery Code: UED 1.2 Credits: 1 Coefficients: 1	Careers in science and technologies 2	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Transversal EU Code: UET 1.2 Credits: 2 Coefficients: 2	Foreign language 2 (French and/or English)	2	2	3h00			45h00	5:00 a.m.		100%
Total semester 2		30	17	4h00	p.m. 4:30	a.m. 4:30	a.m.	375 hours	375 hours	

Semester 3

Unit teaching	Materials	Credits	Coefficient	Weekly hourly volume			Hourly Volume Biannual (15 weeks)	Work Complementary in Consultation (15 weeks)	Assessment method	
	Titled			Course	TD	TP			Control Continuous	Exam
Fundamental EU Code: UEF 2.1.1 Credits: 10 Coefficients: 5	Mathematics 3	6	3	3h00	1h30		67h30	82h30	40%	60%
	Waves and vibrations	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental EU Code: UEF 2.1.2 Credits: 8 Coefficients: 4	Fluid mechanics	4	2	1h30	1h30		45h00	55h00	40%	60%
	Rational mechanics	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodological EU Code: UEM 2.1 Credits: 9 Coefficients: 5	Probability and statistics	4	2	1h30	1h30		45h00	55h00	40%	60%
	Computer Science 3	2	1			1h30	10:30 p.m.	27:30	100%	
	Technical drawing	2	1			1h30	10:30 p.m.	27:30	100%	
	TP Waves and vibrations	1	1			1 hour	3:00 p.m.	10:00 a.m.	100%	
EU Discovery Code: UED 2.1 Credits: 2 Coefficients: 2	Basic technology	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
	Metrology	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Transversal EU Code: UET 2.1 Credits: 1 Coefficients: 1	Technical English	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Total semester 3		30	17	1:30 p.m.	7:30 a.m.	4:00 a.m.	375 hours	375 hours		

Semester 4

Teaching unit	Materials	Credits	Coefficient	Weekly hourly volume			Volume Hourly Biannual (15 weeks)	Work Complementary in Consultation (15 weeks)	Assessment method	
	Titled			Course	TD	TP			Control Continuous	Exam
Fundamental EU Code: UEF 2.2.1 Credits: 6 Coefficients: 3	Soil mechanics	4	2	1h30	1h30		45h00	55h00	40%	60%
	Building materials	2	1	1h30			10:30 p.m.	27:30		100%
Fundamental EU Code: UEF 2.2.2 Credits: 8 Coefficients: 4	Mathematics 4	4	2	1h30	1h30		45h00	55h00	40%	60%
	Numerical methods	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental EU Code: UEF 2.2.3 Credits: 4 Coefficients: 2	Resistance of materials	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodological EU Code: UEM 2.2 Credits: 9 Coefficients: 5	Soil Mechanics Practical Work	2	1			1h30	10:30 p.m.	27:30	100%	
	Construction materials TP	2	1			1h30	10:30 p.m.	27:30	100%	
	Computer Aided Design	2	1			1h30	10:30 p.m.	27:30	100%	
	Numerical Methods Practical Work	2	1			1h30	10:30 p.m.	27:30	100%	
	TP MDF and RDM	1	1			1 hour	3:00 p.m.	10:00 a.m.	100%	
EU Discovery Code: UED 2.2 Credits: 2 Coefficients: 2	Geology	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
	Topography	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Transversal EU Code: UET 2.2 Credits: 1 Coefficients: 1	Techniques of expression, information and communication	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Total semester 4		30	17	12:00	6:00	7:00	375 hours	375 hours		

Semester 5

Teaching unit	Materials	Credits		Weekly hourly volume			Volume Hourly Biannual (15 weeks)	Work Complementary in Consultation (15 weeks)	Assessment method	
	Titled			Course	TD	TP			Control Continuous	Exam
Fundamental EU Code: UEF 3.1.1 Credits: 12 Coefficients: 6	Beams and trusses	4	2	1h30	1h30		45h00	55h00	40%	60%
	Reinforced concrete	4	2	1h30	1h30		45h00	55h00	40%	60%
	Metal structures	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental EU Code: UEF 3.1.2 Credits: 6 Coefficients: 3	Routes 1	4	2	1h30	1h30		45h00	55h00	40%	60%
	Road materials	2	1	1h30			10:30 p.m.	27:30		100%
Methodological EU Code: UEM 3.1 Credits: 9 Coefficients: 5	Applied technical drawing	3	2			2h30	37h30	37h30	100%	
	Road geotechnics	2	1			1h30	10:30 p.m.	27:30	100%	
	Applied topography	4	2	1h30		1h30	45h00	55h00	40%	60%
EU Discovery Code: UED 3.1 Credits: 2 Coefficients: 2	Railway infrastructure	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
	Infrastructure underground	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Transversal EU Code: UET 3.1 Credits: 1 Coefficients: 1	Public works machinery	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Total semester 5		30	17	1:30 p.m.	6:00 a.m.	5:30 a.m.	375 hours	375 hours		

Semester 6

Teaching unit	Materials	Credits		Weekly hourly volume			Volume Hourly Biannual (15 weeks)	Work Complementary in Consultation (15 weeks)	Assessment method	
	Titled			Course	TD	TP			Control Continuous	Exam
Fundamental EU Code: UEF 3.2.1 Credits: 10 Coefficients: 5	Reinforced concrete and prestressed	4	2	1h30	1h30		45h00	55h00	40%	60%
	Bridges	6	3	3h00	1h30		67h30	82h30	40%	60%
Fundamental EU Code: UEF 3.2.2 Credits: 8 Coefficients: 4	Foundations and earthworks	4	2	1h30	1h30		45h00	55h00	40%	60%
	Routes 2	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodological EU Code: UEM 3.2 Credits: 9 Coefficients: 5	End of Cycle Project	4	2			3:00 a.m.	45h00	55h00	100%	
	Road Materials TP	3	2			2h30	37h30	37h30	100%	
	Geographic information systems	2	1	1h30			10:30 p.m.	10:30 p.m.		100%
EU Discovery Code: UED 3.2 Credits: 2 Coefficients: 2	Notions on airport infrastructure	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
	Applied hydraulics	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Transversal EU Code: UET 3.2 Credits: 1 Coefficients: 1	Entrepreneurship and business management	1	1	1h30			10:30 p.m.	2:30 a.m.		100%
Total semester 6		30	17	1:30 p.m.	6:00 a.m.	5:30 a.m.	375 hours	375 hours		

The assessment methods presented in these tables are given for information purposes only; the establishment's training team may suggest other weightings.