

Semester	Course	ECTS	N.Hours			
			Lecture	Practice	Laboratory	Project
1	Occupational health and safety (BHP)	0	4	0	0	0
1	Digital skills training (introduction to e-learning)	0	0	4	0	0
1	Data engineering for sustainable and mobile application	4	24	24	0	0
1	Traffic and transportation modeling	4	30	0	30	0
1	Optimization fundamentals	4	32	0	16	0
1	Cryptography fundamentals	4	32	0	16	0
1	Network security	4	32	0	16	0
1	Foreign language course	3	0	48	0	0
1	Machine Learning (EUNICE shared course)	3	24	24	0	0
1	Traffic engineering	3	16	32	0	0
1	Finance management or Business plan development	1	0	16	0	0
2	Ethics and legal Issues in Smart Mobility, transport engineering and spatial development	4	32	16	0	0
2	Human-computer interaction for sustainable and mobile application	4	16	32	0	0
2	Edge and mobile computing for sustainability	4	16	32	0	0
2	Stochastic processes and queueing systems: modeling and algorithms	4	32	0	16	0
2	Computer networks	4	32	16	0	0
2	Foreign language course	3	0	48	0	0
2	Sustainable mobility (EUNICE shared course)	4	32	16	0	0
2	Alternative powertrains or Eco-friendly transport technologies and emissions measurement	3	30	15	15	0
3	Sustainable transport planning	3	15	0	45	0
3	Transport demand modeling	3	15	0	30	0
3	Universal design	2	15	15	0	0
3	Collection and analysis of mobility data	3	15	30	0	0
3	Environmental evaluation tools or Ecodesign	3	15	15	0	15
3	Decision aiding in transport	3	15	0	15	15
3	Urban rail transport or European rail systems: organization, management and sustainability	2	15	15	0	0
3	Group project	6	0	0	0	60
3	Internship mobility	5	0	0	0	0
4	Environmental, social and economic impact of mobility solutions	4	30	32	0	0
4	Agent-based modeling and simulation	3	24	0	24	0
4	Game theory fundamentals	3	32	16	0	0
4	Internet of Things, services and applications	3	32	0	16	0
4	Security management	3	32	16	0	0
4	Statistics and data mining (EUNICE shared course)	3	24	24	0	0
4	Diploma seminar	1	0	0	0	16
4	Diploma thesis	10	0	0	0	10
	Total	120	663	486	239	116