

Future Mobility Markets and Services Track

Objectives:

The Future Mobility Markets and Services (FMMS) program is a Master's degree program within the EIT Urban Mobility Master School.

The Master School is a highly prestigious Urban Mobility Engineering and Science education provider on advanced level with a business minor focused on Innovation and Entrepreneurship (I&E). These students will be an elite group of forthcoming Urban Mobility planners, engineers, operators, innovators, and any other relevant professionals.

The program on Future Mobility Markets and Services (FMMS) focuses on the innovative and holistic approach in creating and improving new mobility strategies, logistics management, business and digital transformation strategies, with close interaction with relevant stakeholders

YEAR 1

During the 1st year, students must enrol at least 20 ECTS from the Innovation & Entrepreneurship group, and at least 10 ECTS from the Relevant Elective group belonging to the track of choice.

Fall courses	ECTS	Spring courses	ECTS
Innovation & entrepreneurship for world challenges	5	Project based on an innovation challenge	10
Decision making & economy in urban mobility	5	Liveable cities & urban mobility	5
Mobility modeling	5	Travel demand & behavioral modeling	5
Operation & management of transport systems	5	Relevant elective courses	10
Data analysis in transport systems	5		
Introduction to supply chain	5		

Course	ECTS
EIT Summer School (June-July)	3

 Mandatory courses
 Innovation & Entrepreneurship Elective Courses
 Relevant Elective Courses

YEAR 2

During the second year, students must choose 2 to 3 elective courses from the Innovation & Entrepreneurship group (at least one of them must be worth 5 ECTS) and 3 to 4 from the Relevant group, available in the specialty they have already chosen. These elective courses have to amount to the 26 ECTS, necessary to pass the year.

Fall courses	ECTS	Spring courses	ECTS
Product or service development project	4	Master's Thesis	30
Innovation & Entrepreneurship Elective Courses (1 of at least 5 ECTS)	6		
Relevant elective courses	20		

ELECTIVES

Relevant Elective Courses	ECTS	Innovation & Entrepreneurship Elective Courses	ECTS
Vehicle routing	5	Management & creation of innovative companies in architecture	3
Business models in mobility services	5	Viability of business project	6
Business administration	5	Technology asset management	5
Operation management	5	Technological innovation	3
Markets & legislation in transport & logistics	5	Case studies in urban mobility	5
Quality in services	5		



Sustainable Urban Mobility Transitions Track

Objectives:

The Sustainable Urban Mobility Transitions (SUMT) program is a Master's degree program within the EIT Urban Mobility Master School.

The Master School is a highly prestigious Urban Mobility Engineering and Science education provider on advanced level with a business minor focused on Innovation and Entrepreneurship (I&E). These students will be an elite group of forthcoming Urban Mobility planners, engineers, operators, innovators, and any other relevant professionals

The program on Sustainable Urban Mobility Transitions (SUMT) focuses on the holistic approach in study, design, development and evaluation of sustainable, inclusive, resilience urban environment.

YEAR 1

During the 1st year, students must enrol at least 20 ECTS from the Innovation & Entrepreneurship group, and at least 10 ECTS from the Relevant Elective group belonging to the track of choice.

Fall courses	ECTS	Spring courses	ECTS
Innovation & entrepreneurship for world challenges	5	Project based on an innovation challenge	10
Decision making & economy in urban mobility	5	Livable cities & urban mobility	5
Mobility modeling	5	Travel demand & behavioral modeling	5
Operation & management of transport systems	5	Relevant elective courses	10
Data analysis in transport systems	5		
Introduction to supply chain	5		

Course	ECTS
EIT Summer School (June-July)	3

 Mandatory courses
 Innovation & Entrepreneurship Elective Courses
 Relevant Elective Courses

YEAR 2

During the second year, students must choose 2 to 3 elective courses from the Innovation & Entrepreneurship group (at least one of them must be worth 5 ECTS) and 3 to 4 from the Relevant group, available in the specialty they have already chosen. These elective courses have to amount to the 26 ECTS, necessary to pass the year.

Fall courses	ECTS	Spring courses	ECTS
Product or service development project	4	Master's Thesis	30
Innovation & Entrepreneurship Elective Courses (1 of at least 5 ECTS)	6		
Relevant elective courses	20		

ELECTIVES

Relevant Elective Courses	ECTS	Innovation & Entrepreneurship Elective Courses	ECTS
Optimization models for transportation networks	5	Management & creation of innovative companies in architecture	3
Railway transport	5	Viability of business project	6
Public transport	5	Technology asset management	5
Transportation system planning & management	5	Technological innovation	3
Mobility & development	5	Case studies in urban mobility	5
Merchandise transports	5		
Sustainable mobility	5		
Smart mobility (SMART)	5		
Airport management	5		
Port management & maritime transport	5		
Traffic	5		

