

ABP Mastertrack

Sustainable Urban Mobility Transitions 2022-2023

Entry point program TU/e

		Quarter	Timeslot	ECTS
<u>Compulsory courses</u>				
0FC05	Ethics of technology	1	E	5
7ZW5M0	Smart healthy urban environments	2	D	5
7ZW7M0	Urban research method	3	C	5
7LY8M0	Smart cities	3	B	5
7ZW4M0	Built environment and smart mobility	4	C	5
<u>Compulsory I&E courses</u>				
1ZM150	Innovation space project	1+2	D	10
0EM160	Innovation and intellectual property rights	2	B	5
1ZM130	Design science methodology for BPC	4	B	5
<u>Specialization electives (choose 15 ects out of 55)</u>				
7ZU4M0	Econometric analysis of housing markets	1	B	5
0HM310	Automotive human factors	1	C	5
1ZM16	Management of product development	1	D	5
1CM110	Decision making in transport and logistics	2	A	5
7ZU3M0	Managing place and property	2	C	5
7ZM1M0	Research and development project	3-4	B	10
1CM240	Artificial intelligence for logistics and its interfaces	3	D	5
7ZW1M0	Big data for urban & transportation analysis/project	3-4	E	10
7QW3M0	Urban planet	4	D	5
total				60

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		Quarter	Timeslot	ECTS
<u>Compulsory courses</u>				
Code	Summerschool			3
0EM150	Sustainability transition and responsible innovation	3	C	5
7SU10	Internship SUMT			2
<u>Compulsory I&E course</u>				
1ZM160	Innovation and entrepreneurship study	1	A	5
<u>I&E electives (choose 5 ects out of 20)</u>				
1ZM16	Management of product development	1	D	5
1ZM40	Strategy and technology management	2	D	5
1ZM120	Entrepreneurial marketing	2	B	5
0EM160	Innovation and intellectual property rights	2	B	5
<u>Specialization electives (choose 15 ects out of 25)</u>				
7ZW3M0	Urban planning 2	1	E	5
0HM310	Automotive human factors	1	C	5
7ZU4M0	Econometric analysis of housing markets	1	B	5
0EM120	Governing innovations	1	E	5
1CM110	Decision making in transport and logistics	2	A	5
7SU30M0	Graduation project SUMT			30
total				65