Course code	Course name	ECTS	Language	Compulsory?	Education periods	Academic year 1				Academic year 2			
						Semester 1		Semester 2		Semester 3		Semester 4	
						Edu. Per. 1	Edu. Per. 2	Edu. Per. 3	Edu. Per. 4	Edu. Per. 1	Edu. Per. 2	Edu. Per. 3	Edu. Per. 4
CIE5030	MSc Thesis CoMEM	30	EN	Y	1, 2, 3, 4, 5								
CIE5060-09	MSc Thesis	40	EN	Y	1, 2, 3, 4, 5								
Ethics courses, choose one out of 5													
WM0312CIE	Philosophy, Technology Assessment and Ethics for CT	4	EN	N	4								
CIE4510-20	Climate Change: Science & Ethics	4	EN	N	2								
WM1302TU	Ethics of Transportation	5	EN	N	3								
WM0376TU	Ethics of Technological Risks	5	EN	N	3								
TPM003A	Water Ethics	5	EN	N	4								
Electives, choose one out of 3													
CIE4040-09	Internship	10	EN	N	1, 2, 3, 4, 5								
CIE4061-09	Multidisciplinary Project, Civil Engineering Consultancy Project	10	EN	N	1, 2, 3, 4, 5								
CIE5050-09	Additional Graduation Work, Research Project	10	EN	N	1, 2, 3, 4, 5								
CEG general elective courses for all tracks													
CIE4381	Engineering Asset Management	4	EN	N	1								
CIE4391	Quantitative Asset Modelling	4	EN	N	4								
CIE4420	Principles of Geohydrology	4	EN	N	3								
Deficiency course voor WO (zij)instromers													
CTB2001WO-20	Computer Programmeren WO-instromers	2	EN	N	1, 2								
MSc Honours Programme													
CIEAESM4010	Honours Programme MSc Research project	10	EN	N	1, 2, 3, 4								
CIEAESM4015	Honours Programme MSc Research project	15	EN	N	1, 2, 3, 4								
MSc CE, track Transport and Planning													
Compulsory courses (adding up to 32 EC)													
CIE4801-18	Transport modelling	6	EN	Y	1								
CIE4811-18	Planning and operations of public transport systems	6	EN	Y	1								
CIE4825	Traffic Flow Modelling and Control Part 1	6	EN	Y	2								
CIE4831-18	Empirical Analysis for Transport & Planning	6	EN	Y	2								
CIE4835	Transport Engineering and Optimisation	4	EN	Y	1								
CIE4845	Emerging Topics for Transport & Planning	4	EN	Y	4								
CTB3370-18 (if not co	Geometrical Design of Roads and Railways	4	EN	Y	3								
Specialisation Transport Networks (adding up to 16 EC)													
CIE5802-18	Advanced Transport Modelling	4	EN	Y	2								
CIE5815	Resilient Transport Systems: Analysis and Interventions	4	EN	Y	3								
CIE5816	Urban Regions, Transport, and Economics	4	EN	Y	4								
CIE5817	Assessment of Transport Infrastructure and Systems	4	EN	Y	3								
Specialisation Road Traffic Systems (adding up to 16 EC)													
CIE5805-18	Intelligent Vehicles for Safe and Efficient Traffic: Design and Assessment	4	EN	Y	4								
CIE5810-19	Traffic Safety	4	EN	Y	2								
CIE5821	Traffic Flow Modelling and Control Part 2	4	EN	Y	3								
CIE5822	Active Modes: Traffic and Transport	4	EN	Y	3								
Specialisation Public Transport and Railway Systems (adding up to 16 EC)													
CIE5802-18	Advanced Transport Modelling	4	EN	Y	2								
CIE5803-18	Railway Traffic Management	4	EN	Y	4								
CIE5825	Advanced Public Transport Operations and Modelling	4	EN	Y	3								
CIE5826	Railway Operations and Control	4	EN	Y	3								
Electives Transport and Planning													
AE4423	Airline Planning and Optimization	4	EN	N	2								
AE4446	Airport Operations	4	EN	N	3								
CIE4330	Ports & Waterways 1	4	EN	N	1								
CIE4874	Elements of Railway Engineering	4	EN	N	2								
CIE5802-18	Advanced Transport Modelling	4	EN	N	2								
CIE5803-18	Railway Traffic Management	4	EN	N	4								
CIE5805-18	Intelligent Vehicles for Safe and Efficient Traffic: Design and Assessment	4	EN	N	4								
CIE5810-19	Traffic Safety	4	EN	N	2								
CIE5815	Resilient Transport Systems: Analysis and Interventions	4	EN	N	3								
CIE5816	Urban Regions, Transport, and Economics	4	EN	N	4								
CIE5817	Assessment of Transport Infrastructure and Systems	4	EN	N	3								
CIE5821	Traffic Flow Modelling and Control Part 2	4	EN	N	3								
CIE5822	Active Modes: Traffic and Transport	4	EN	N	3								
CIE5825	Advanced Public Transport Operations and Modelling	4	EN	N	3								
CIE5826	Railway Operations and Control	4	EN	N	3								
CIE5830	Freight Transport Systems: Analysis and Modelling	5	EN	N	3								
CIE5875	Railway Asset Management	4	EN	N	1								
ME41106	Intelligent Vehicles	5	EN	N	1								
ME44305	Delft Systems and Simulation Approach	5	EN	N	3, 4								
SC42015	Control Theory	6	EN	N	1								
SEN1221	Statistical Analysis of Choice Behaviour	5	EN	N	2								
SEN1721	Travel Behaviour Research	5	EN	N	2								
TPM004a	Transport Safety	4	EN	N	1								

Legenda	
	Scheduling in year 1 / year 2 and EC