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 Building Engineering													
Compulsory courses (adding up to 20 EC)													
CIE4202	Architectural History of Buildings	4	EN	Y	1								
CIE4210	Parametric Design and Engineering	3	EN	Y	2								
CIE4220	Introduction to Building Physics and Façades	6	EN	Y	2								
CIE4240-19	Forensic Structural Engineering	3	EN	Y	1								
CIE5981	Forms of Collaboration in Civil Engineering	4	EN	Y	1								
Additional block Building Technology and Physics (adding up to 36 EC, to be completed with courses from additional block Structural Design)													
AR0134	Techno|edge Facade design	5	EN	Y	1, 3								
CIE4030	Methodology for Scientific Research	3	EN	Y	4								
CIE4100	Materials and Ecological Engineering	4	EN	Y	2								
CIE4225	Advanced & Applied Building Physics	6	EN	Y	3								
AR0097	Climate proof sustainable renovation	5	EN	Y	1								
ME45111	Buildings as Energy and Indoor Climate Systems	5	EN	Y	1								
AR0139	MEGA	15	EN	N	4								
Additional block Building Structural Design (adding up to 37 EC)													
CIE3109-09 niet a	Structural Mechanics 4	4	EN	Y	3								
CIE4110	Timber Structures and Wood Technology	4	EN	Y	1								
CIE4115	Steel Structures 2	4	EN	Y	1								
CIE4190	Analysis of Slender Structures	4	EN	Y	1								
CIE4281	Building Structures 2	4	EN	Y	2								
CIE4285-20	Structural glass	4	EN	Y	3								
CIE5251-09	Structural Design, Special Structures	5	EN	Y	3								
Electives SD (6 or 7 EC)													
CIE4030	Methodology for Scientific Research	3	EN	N	4								
CIE4120	Information Systems for the Construction Industry	4	EN	N	3								
CIE4121	Steel Structures 3	4	EN	N	3								
CIE4125	Structural Design – Case Study Steel, Timber of FRP	3	EN	N	1, 2, 3, 4								
CIE4140	Structural Dynamics	4	EN	N	3								
CIE4160	Prestressed Concrete	4	EN	N	1								
CIE4170	Construction Technology of Civil Engineering Structures	4	EN	N	4								
CIE4362-20	Soil-structure Interaction	4	EN	N	4								
CIE4363	Deep Excavations	4	EN	N	1								
CIE4381	Engineering Asset Management	4	EN	N	1								
CIE4481	System Engineering Management	4	EN	N	3								
CIE5124	Biobased Structures and Materials	4	EN	N	4								
CIE5125	Steel Bridges	4	EN	N	4								
CIE5127	Concrete Bridges	4	EN	N	3								
CIE5131	Fire Safety Design	3	EN	N	3								
CIE5148	Computational Modelling of Structures	4	EN	N	1								
CIE5260	Structural Response to Earthquakes	4	EN	N	1								
CIE4145-09 (if req	Dynamics and Introduction to Continuum Mechanics	4	EN	Y	1, 2								

Legenda	
	Scheduling in year 1 / year 2 and EC