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 Geoscience and Remote Sensing													
Compulsory courses (adding up to 33 EC)													
CIE4510-20	Climate Change: Science & Ethics (*please note: CIE4510-20 is compulsory for all GRS students*)	4	EN	Y	2								
CIE4601	Physics of the Earth and Atmosphere	5	EN	Y	1								
CIE4603-16	Geo-signal Analysis	6	EN	Y	2								
CIE4604	Simulation and visualization	5	EN	Y	2								
CIE4606	Geodesy and Remote Sensing	5	EN	Y	1								
CIE4611	Geo-measurement processing	5	EN	Y	1								
CIE4615	GRS fieldwork	3	EN	Y	4								
Elective courses (adding up to 27 EC)													
CIE4522-15	GPS for Civil Engineering and Geosciences	4	EN	N	4								
CIE4602	Cryosphere: remote sensing and modeling	4	EN	N	3								
CIE4605	Atmospheric Turbulence	4	EN	N	3								
CIE4607	Ocean topography and sea-level change	4	EN	N	3								
CIE4608	Atmospheric remote sensing	4	EN	N	4								
CIE4609	Geodesy and natural hazards	4	EN	N	4								
CIE4610	Gravity, geodynamics and climate change	4	EN	N	4								
CIE4614-20	3D surveying of civil and offshore infrastructure	5	EN	N	3								
CIE4616	Remote Sensing and Big Data	5	EN	N	1								
CIE4620	Climate Data Analysis	5	EN	N	3								
CIE4625	Climate Modeling	5	EN	N	1								
CIE4708	Water in the Atmosphere	5	EN	N	4								
CIE5401	GIS & Remote Sensing for water resources	3	EN	N	3								

Legenda	
	Scheduling in year 1 / year 2 and EC