



Curriculum 2018-2019

	Quartile 1			Quartile 2			Quartile 3			Quartile 4		
	Code	Course	ECTS	Code	Course	ECTS	Code	Course	ECTS	Code	Course	ECTS
Corner-stones	AR8002	Legal and governance	7	SPM8002	Process management	7	SPM8000	Project management	7	CME1200	Collaborative design and engineering	7
Compulsory courses	CME2300	Financial engineering	4	CIE4130	Probabilistic design	4				CME2200	Dynamic control	4
				CME1210	Infrastructure Asset Management ***	7				WM0312CT	Philosophy, technology assessment and ethics	4
				EPA1433	Intercultural relations and project management	5				CIE4030	Methodology for scientific research	3
Deficiency courses	WM0212TU-eng	CT: Technical writing/ Strategisch schrijven	2							CTB2410	TBM: Waterbouwkunde	5
	WI1708TH1	BK: Analyse 1	3							WI2031TH	BK: Kansrekening en statistiek	3
	WI1807TH	BK: Lineaire Algebra	3									

***ALL MSC COURSES AT THE TU DELFT OR ABROAD ARE POTENTIAL CME ELECTIVES. ALL ELECTIVES OUGHT TO BE APPROVED BY THE EXAMINATION COMMITTEE BEFORE YOU START THE COURSE. THE COURSES BELOW ARE EXAMPLES THAT HAVE BEEN APPROVED IN THE PAST. OTHER ELECTIVES FROM TU DELFT CAN BE FOUND ON STUDIEGIDS.TUDELFT.NL.**

	CME2100	Internship	10	Only one of these courses is allowed as an elective course, they are not restricted to a certain quartile.								
	CIE4061	Multidisciplinary project	10									
	CIE5050-09	Additional Graduation Work	10									
Asset Management	CIE4120	Information Systems for the Construction Industry	4	CIE4170	Construction Technology of Civil Engineering Structures	4	AE4454-16	Life Cycle Analysis and Production	3			
	CIE5148	Computational Modelling of Structures	4	IN4086	Data Visualization	6	WI4050	Uncertainty and Sensitivity Analysis	6			
	WI4138	Decision Theory/Expert Judgement	6	CIE4481	System Engineering Mngt.	4	MOT2312	Research Methods	5			
	AR3R057	Case Study Methods	3	WI4138	Decision Theory/Expert Judgement	6	SPM9448	Methods for Risk Analysis and Management	5			
Infrastructure and Environment	CIE4381	Engineering Asset Management	4	AR3R057	Case Study Methods	3	UD9004	Data Analysis: Take it to the MAX (MOOC)	6			
	CIE4330	Ports and Waterways I	4	OE44040	Dredging Processes I	4	CIE4100	Materials and Ecological Engineering	4	AR0191	Urban Sustainability	3
	OE44005	Introduction to Offshore Engineering	3				AR2A015	Delft lectures on Architectural Sustainability	3	CIE5750	Land Use and Transport Interactions in Cities: Empirical	4
	OE44010	Introduction to Dredging Engineering	3									
Project Management	AR2A015	Delft lectures on Architectural Sustainability	3									
	CIE5981	Forms of Collaboration in Civil Engineering	4	CIE5560	Engineering and Development	4	MOT1531	Business Process Management and Technology	5	MOT1451	Inter and Intra-Organisational Decision Making	5
				EPA1144	Actor and Strategy Models	5						
Legal and Finance				AR1R025	Real Estate Management	7						
	AR0880	Real Estate Valuation	7				CME5000	Procurement of Large Infrastructural Projects	4	EPA1223	Macro-Economics for Policy Analysis	5
	SPM9730	Sustainable Innovations and Transitions	3				SPM9534	Economy of Future Energy Systems	3			
	SPM9716	Cost-Benefit-Analysis: Theory and Applications	4									
	Any course you would like to add**			Any course you would like to add**			Any course you would like to add**			Any course you would like to add**		

CME2000	Graduation Thesis	32
CME2001	Thesis Preparation	4

* available in all quarters

** Any course from any university that is related to CME and is not too broad or specific is a possible elective. For approval send an email to the examination committee or Jules Verlaan before the start of the course. The courses above are merely examples of courses that have been approved in the past. For more information about possible TU Delft electives, see studyguide.tudelft.nl

*** Interim regulation for Infrastructure Asset Management see Brightspace (this course exist of 2 courses which combine give you 7 ects)