

CME- Design Management in Construction

Start in February

(courses are 7.5 EC; unless otherwise specified)

Name student: _____ Track-coordinator: drs. ing. Hans Boes

Student number: _____ Date: _____

Highlight the courses of your choice

Signature: _____ Signature: _____

	Block 1 (15 EC) Quartile 3	EC	Block 2 (15 EC) Quartile 4	EC	Block 3 (15 EC) Quartile 1	EC	Block 4 (15 EC) Quartile 2	EC
Profile courses (min 30 EC)	Collaborative design & engineering	7,5			Planning and Process management Legal & governance aspects	7,5 7,5	Project management Research methodology & academic skills	7,5 7,5
Profile electives	Building Information Modeling & 5D Planning	7,5	Industrialization & innovation in construction	7,5	Sustainable building	7,5	Cost Management and Engineering (IEM)	5
	Reliability Engineering & Maintenance Mgmt (IEM)	5	Infrastructure management	7,5	Maintenance Engineering and Management (ME, IEM)	5	Product Life Cycle (IDE)	5
	Product Life Cycle Management (IDE)	5	LEAN Six-Sigma Green Belt (ME)	5	Governing Product development (IDE)	5	Scenario based product design (IDE)	5
	Design for Maintenance Operations (IDE)	5	Virtual Reality (IDE)	5				
Advanced 3D Modelling (IDE)	5							
Other CME courses	Procurement Strategies & Tendering	7,5			Supply chain management & ICT	7,5	Markets, organizations & innovation	5 / 7,5
Other CEM courses	Tools for water policy analysis	7,5	Integrated water management	7,5	Hydrology	7,5	Design project water II	7,5
	Mathematical physics of water systems	7,5	River dynamics (prior knowl: Math.Physics of WS)	7,5	Water Systems	7,5	Data analysis in water engineering & management	7,5
	Mathematical Optimization in Transport	7,5	Hydraulic engineering	7,5	Water footprint assessment	7,5	Morphology (pr.knowl: Marine Dynamics)	7,5
	Land Use and Transport Interactions	7,5	Traffic Management	7,5	Marine dynamics (prior knowl: Math.Physics of WS)	7,5	Traffic Operations	7,5
Geo Risk Management	7,5	Sustainable Transport	7,5			Transport Modeling	7,5	
Project control & risk management	7,5	Transport Research Project	7,5			Public Transport in Urban Areas	7,5	
Free electives (max 15 EC)								

	Block 5 (15 EC) Quartile 3	EC	Block 6 (15 EC) Quartile 4	EC	Block 7 (15 EC) Quartile 1	EC	Block 8 (15 EC) Quartile 2	EC
Profile courses (min 30 EC)								
Profile electives	Building Information Modeling & 5D Planning	7,5	Industrialization & innovation in construction	7,5				
	Reliability Engineering & Maintenance Mgmt (IEM)	5	Infrastructure management	7,5				
	Product Life Cycle Management (IDE)	5	LEAN Six-Sigma Green Belt (ME)	5				
	Design for Maintenance Operations (IDE)	5	Virtual Reality (IDE)	5				
Advanced 3D Modelling (IDE)	5							
Other CME courses	Procurement Strategies & Tendering	7,5						
Other CEM courses	Tools for water policy analysis	7,5	Integrated water management	7,5				
	Mathematical physics of water systems	7,5	River dynamics (prior knowl: Math.Physics of WS)	7,5				
	Mathematical Optimization in Transport	7,5	Hydraulic engineering	7,5				
	Land Use and Transport Interactions	7,5	Traffic Management	7,5				
Geo Risk Management	7,5	Sustainable Transport	7,5					
Project control & risk management	7,5	Transport Research Project	7,5					
Free electives (max 15 EC)								
Thesis (37,5 EC)			Preparation Master Thesis	7,5			Master Thesis Construction (30 EC)	