

WEM - Integrated Water Management

Start in September

(courses are 7.5 EC; unless otherwise specified)

Name student: _____

Track coordinator: Dr. ir. D.C.M. Augustijn

Student number: _____

Date: _____

Signature: _____

Signature: _____

Highlight the chosen courses

	Block 1 (15 EC) Quartile 1	EC	Block 2 (15 EC) Quartile 2	EC	Block 3 (15 EC) Quartile 3	EC	Block 4 (15 EC) Quartile 4	EC
Profile courses (min 30 EC)	Hydrology	7,5	Design Project Water II	7,5	Tools for Water Policy Analysis	7,5	Integrated Water Management	7,5
Profile electives	Water Systems	7,5	Data Analysis in Water Engineering & Management	7,5	Collaborative Design & Engineering	7,5	Infrastructure Management	7,5
	Legal & Governance Aspects	7,5	Energy Management, Policy and Technology (MEEM)	4	Public Governance and Policy Networks (PA)	5		
	Planning and Process Management	7,5	Environment and Technology (MEEM)	4	Data Science (EWI)	5		
	Policy Instr and Evaluation in Environm+Sust. (PA)	5	Data Science (EWI)	5				
	Policy Analysis in Public and Technol.Domains (PA)	5						
	Economic Methods of Sustainability Assessment (PA)	5						
	Policy Strat.&Impl. for Water Govern+Sust. Issues (MEEM)	4						
Sustainable Management Strat. and Innovation (MEEM)	4							
Other WEM courses					Mathematical physics of water systems	7,5	River dynamics (prior knowl: Math.Physics of WS)	7,5
							Hydraulic engineering	7,5
Other CEM courses	Intelligent Transport Systems	7,5	Traffic Operations	7,5	Mathematical Optimization in Transport	7,5	Traffic Management	7,5
	Planning and Process management	7,5	Transport Modeling	7,5	Land Use and Transport Interactions	7,5	Sustainable Transport	7,5
	Legal & governance aspects	7,5	Public Transport in Urban Areas	7,5	Collaborative design & engineering	7,5	Industrialization & innovation in constr.	7,5
	Supply chain management & ICT	7,5	Project management	7,5	Project control & risk management	7,5	Infrastructure management	7,5
	Sustainable building	7,5	Markets, organizations & innovation	7,5	BIM & 5D Planning	7,5		
			Research methodology & academic skills	7,5	Procurement Strategies & Tendering	7,5		
Free electives (max 15 EC)								

	Block 5 (15 EC) Quartile 1	EC	Block 6 (15 EC) Quartile 2	EC	Block 7 (15 EC) Quartile 3	EC	Block 8 (15 EC) Quartile 4	EC
Profile courses (min 30 EC)	Water Footprint Assessment	7,5						
Profile electives	Water Systems	7,5	Data Analysis in Water Engineering & Management	7,5				
	Legal & Governance Aspects	7,5	Energy Management, Policy and Technology (MEEM)	4				
	Planning and Process Management	7,5	Environment and Technology (MEEM)	4				
	Policy Instr and Evaluation in Environm+Sust. (PA)	5	Data Science (EWI)	5				
	Policy Analysis in Public and Technol.Domains (PA)	5						
	Economic Methods of Sustainability Assessment (PA)	5						
	Policy Strat.&Impl. for Water Govern+Sust. Issues (MEEM)	4						
Sustainable Management Strat. and Innovation (MEEM)	4							
Other WEM courses	Marine dynamics (prior knowl: Math.Physics of WS)		Morphology (pr.knowl: Marine Dynamics)					
Other CEM courses	Intelligent Transport Systems	7,5	Traffic Operations	7,5				
	Planning and Process management	7,5	Transport Modeling	7,5				
	Legal & governance aspects	7,5	Public Transport in Urban Areas	7,5				
	Supply chain management & ICT	7,5	Project management	7,5				
	Sustainable building	7,5	Markets, organizations & innovation	7,5				
			Research methodology & academic skills	7,5				
Free electives (max 15 EC)								
Thesis (37,5 EC)			Preparation Master Thesis	7,5	Master Thesis Water (30 EC)			