

Course: River Engineering

Course code Name Study year ECTS credits Language Coordinator	BVVH19DERIV River Engineering 2019-2020 3 English O.M. Akkerman	Modes of delivery Assessments	Guest lecture Lecture River Engineering - Written, organised by STAD examinations
		6	
Learning outcomes		Content	
 The student is able to make applied calculations of river works The student is able to predesign dykes and coastal protection 		The focus within river engineering will be on river control and water safety. River control is about level control, bed control and protection,	

3. The student is able to explain and apply the principles of water safety in a given situation

The focus within river engineering will be on river control and water safety. River control is about level control, bed control and protection, sediment transport. Water safety is a key element in the water management of delta area's. It is about assessing risks of sea or river dike break through.

credits:

Lectures on water safety will be combined with current technical issues regarding river regulation, flow and sediment transport, bottom and shore protection measures and dike design.

Included in programme(s)

Minor Delta Engineering Built Environment Exchange Delta Engineering (spring)

School(s)

School of Architecture & Built Environment

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