

Vak: River Engineering

credits: 3

Vakcode BVVH19DERIV
Naam River Engineering
Studiejaar 2019-2020
ECTS credits 3
Taal Engels
Coördinator O.M. Akkerman

Werkvormen Gastcollege
Hoorcollege
Toetsen River Engineering - Schriftelijk, organisatie
tentamenbureau

Leeruitkomsten

1. The student is able to make applied calculations of river works
2. The student is able to predesign dykes and coastal protection
3. The student is able to explain and apply the principles of water safety in a given situation

Inhoud

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.

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.

Opgenomen in opleiding(en)

Minor Delta Engineering
Built Environment Exchange Delta Engineering (spring)

School(s)

Academie voor Architectuur & Built Environment

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