

## Course: Experience learning 2

credits: 6

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|---------------------|-----------------------|--------------------------|--|
| <b>Course code</b>  | BVVH19DEEXP2          | <b>Modes of delivery</b> | Assignment                               |
| <b>Name</b>         | Experience learning 2 |                          | Practical / Training                     |
| <b>Study year</b>   | 2019-2020             | <b>Assessments</b>       | Experience learning 2 - Other assessment |
| <b>ECTS credits</b> | 6                     |                          |  |
| <b>Language</b>     | English               |                          |  |
| <b>Coordinator</b>  | S. Deegmulder         |                          |  |

### Learning outcomes

1. The student can determine the design criteria, requirements and limitations and make a spatial layout of a harbour
2. The student can determine the design criteria, requirements and limitations for a access channel
3. The student can determine design criteria, requirements, limitations and for breakwaters, design them, determine the costs of breakwaters and other civil works and make a draft port masterplan
4. The student can determine the amount of dredging and reclamation, the working method and the costs of dredging and reclamation.
5. The student can evaluate the feasibility of the port masterplan
6. The student knows how to report the design and other findings in a complete, correct and transparent way

### Content

In this assignment you and your group members design your own harbour (at the coast). You work in a group of 3-5 students. You will follow all the steps, needed to design a harbor and you apply the knowledge, obtained from the lectures in this minor and supplementary lectures from professionals. During the feedback moments (presentations), we invite professionals to advise you. In order to participate in 'Experience learning 2' you must have participated in the themes: 'Port Development' , 'Dredging' and 'Coastal Engineering'.

### Included in programme(s)

Minor Delta Engineering  
Built Environment Exchange Delta Engineering (spring)

### School(s)

School of Architecture & Built Environment