



MSc Hydraulic Engineering & Water Resources Management

STUDENT EXCHANGE PROGRAMME NUS, SINGAPORE – TU DELFT, NETHERLANDS

Students of Academic Year 2016/2017 onwards

Spend one semester full-time and transfer up to 20 modular credits from a list of over 40 courses at TU Delft to fulfill your graduation requirements at NUS (*Graduation requirements of MSc Hydraulic Engineering & Water Resources Management apply*).



Be Nominated

Enroll in the MSc
Hydraulic
Engineering & Water
Resources
Management

Complete at least
one semester of
study at NUS

Pass a panel
interview

**Exchange Period:
February to July**

www.eng.nus.edu.sg/cee

Contact: Ms. Cecilia Dewi
ceesdc@nus.edu.sg

for AY2016/2017
Exchange Subject to Eligibility

NUS MODULES

DEPT OF CIVIL & ENVIRONMENTAL ENGINEERING

- Wave Hydrodynamics and Physical Oceanography
- Coastal Processes and Sediment Transport
- Hydroinformatics
- Environmental Modelling with Computers
- River Mechanics
- Hydraulic Engineering & Water Resources Engineering Project
- Engineering Economics and Project Evaluation
- Groundwater Hydrology
- Design of Floating Structures
- Offshore Moorings and Risers
- Basic Environmental Science and Engineering
- Environmental Risk Assessment
- Environmental Management Systems
- Water Treatment Processes
- Environmental Technology
- Decision Analysis
- Water Policy and Governance
- Dynamic Modelling of Public Policy Systems

TU DELFT MODULES

FACULTY OF CIVIL ENGINEERING & GEOSCIENCES

- Fieldwork Hydraulic Engineering
- Introduction to Bed, Bank and Shoreline Protection
- Probabilistic Design and Risk Management
- Hydrology of Catchments, Rivers and Deltas
- Urban Drainage and Water Management
- Urban Drainage Monitoring and Modelling
- Hydrological Processes and measurements
- Fundamentals of Water Treatment
- Ocean Waves
- Ports and Waterways 1
- Coastal Dynamics 1
- Breakwaters and Closure Dams
- Dredging Technology
- Dredge Pumps and Slurry Transport
- Waterpower Engineering
- Coastal Zone Management
- Ports and Waterways 2
- ... **AND MORE ...**