

Graduate Certificate in Coastal Protection and Flood Management

The programme equips professionals with essential skills to address climate change impacts, including rising sea levels and extreme weather. Participants will gain knowledge in coastal science and engineering while developing innovative solutions for flood management in land-constrained environments like Singapore. Graduates will be prepared to enhance Singapore's resilience and contribute to sustainable urban planning.

[MORE INFO](#)

Why choose us?

- ✓ Ranked 3rd in Civil and Structural Engineering (QS World University Rankings)
- ✓ Alternative pathway to Master of Science in Civil Engineering:
Complete 12 units with a GPA of 3.0 or higher to qualify for admission



Admission Requirement

Eligibility

Individual with Bachelor's degree with relevant professional experience

Application Period

- January Intake:
Starts in October / November
- August Intake:
Starts in April / May

Graduation Requirement

Complete 12 units of courses with a minimum GPA of 2.5



Programme Details

Mode of Instruction

Part-time basis, featuring weekly face-to-face lectures

Candidature Period

Maximum 2 years

Programme Fee

SGD 1,450 per-unit of course (excluding 9% GST)



Programme Structure

List of Courses

- **CE5308A** - Coastal Processes & Protection
- **CE5308B** - Sediment Transport & Coastal Protection
- **CE5312AB** - Open Channel Hydraulics
- **CE5317A** - Eco-hydrology
- **CE5317B** - Nature Based Solutions for Coastal Protection
- **CE5318AB** - Decision-making for Climate Adaptation
- **CE5721A** - Coastal Waves & Wind
- **CE5721B** - Coastal Environmental Loads