3.4.3.2 Minor in Aquatic Ecology

Host Faculties:
- Faculty of Arts and Social Sciences (Department of Geography)
- Faculty of Science (Department of Biological Sciences)

The Minor in Aquatic Ecology aims to expose students to the important disciplines of marine and freshwater ecological studies while developing relevant specific skills, knowledge, and experience among them. With the increasing governmental, private, and societal interest in aquatic sciences, there is a growing demand for manpower with expertise in freshwater and/or marine ecology. This Minor complements aptly the primary disciplines of students from the Life Sciences Major and Geography Major. It will also enhance the training for students keen on related career opportunities at relevant governmental and private institutions in Singapore, including Public Utilities Board (PUB), National Environment Agency (NEA), National Parks Board (NParks), the Maritime and Port Authority of Singapore (MPA), Tropical Marine Science Institute (TMSI), DHI Group, and Singapore-Delft Water Alliance (SDWA).

To be awarded a minor in Aquatic Ecology, a student must pass the six modules as set out below:
1. LSM2251  Ecology and Environment
2. LSM3254  Ecology of Aquatic Environments
3. GE2229  Water and Environment
4. SP3203  Aquatic Ecology Research
5. Choose 2 from the following elective modules:
   [For students reading Life Sciences Major, please select at least one non-LSM prefixed module.]
   - GE2215  Introduction to GIS and Remote Sensing
   - GE2220  Terrestrial and Coastal Environments
   - GE2228  Weather and Climate
   - GE3216  Applications of GIS & Remote Sensing
   - GE3221  Ecological Systems
   - GE3223  Environmental Change in the Tropics
   - LSM2253  Applied Data Analysis in Ecology and Evolution
   - LSM2252  Biodiversity
   - LSM4257  Aquatic Vertebrate Diversity
   - LSM4261  Marine Biology
   - LSM4264  Freshwater Biology

For Life Sciences Major students, please take note that the double-counting between Life Sciences Major and this Minor in Aquatic Ecology is up to 8MC or two modules only. Please read sufficient additional LSM modules from the Life Sciences major elective lists (from level 2000 onwards) to fulfill the two programmes.

This Minor is not awarded with a Bachelor of Environmental Studies (BES) degree from Cohort
AY2016/17 and onwards.

Application is required to read this minor. For the application process and more information, please refer to http://www.lifesciences.nus.edu.sg/info/AE_Minor.pdf