2.3.1.1 Aquatic Ecology

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).

Programme Requirements

Pass at least 24 MCs of modules which include the following:
A minimum of 16 MCs from the core modules.
A minimum of 8 MCs from the electives.

Note 1:
This Minor is open to undergraduate students from all disciplines. Application is required and successful entry to Aquatic Ecology Minor is subjected to Department of Biological Science approval.

Note 2:

Core Modules

- LSM1103 Biodiversity
- LSM2251 Ecology and Environment
- GE2229 Water and Environment
- SP3202 Aquatic Ecology Research

Elective Modules

- GE2215 Introduction to GIS and Remote Sensing
GE2220  Terrestrial and Coastal Environments
GE2228  Weather and Climate
GE3216  Applications of GIS and Remote Sensing
GE3221  Ecological Systems
GE3223  Environmental Change in the Tropics
GEK1543  Chemistry of the Ocean
LSM3254  Ecology of Aquatic Environments
LSM3264  Environmental Biochemistry
LSM4261  Marine Biology
LSM4264  Freshwater Biology
LSM4266  Topics in Aquatic Biodiversity

For the latest updates, please visit the Minor in Aquatic Ecology website at: