

Earth provides enough to satisfy every man's needs,
but not every man's greed.

- Mahatma Gandhi



BIOL 3007 Ecology

2nd Semester 2018-2019

Course Instructors: Professor Jianwen Qiu
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This course places emphasis on biological functioning at the levels of population, community, and ecosystem, and is organised around the principles of energy flow and nutrient cycles. Human interventions such as urbanisation, harvesting renewable and non-renewable resources, and pollution generation are considered in relation to natural limits, natural regulations and regeneration mechanisms, and long-term ecosystem stability.

From Ecology to Biodiversity

Since the announcement of Lantau Tomorrow Vision, environmental associations and NGOs have been pointing out the impact cast upon the environment. Students will mentor and lead secondary school students to develop mini projects on ecology and conservation in hope of fostering an appreciation and understanding of biodiversity of Lantau Island. The project is called "ECF Ecology and Conservation 101: Grooming the Next Great Ecologist", which is initiated by Ocean Park Conservation Foundation Hong Kong.

Note: this project is non-credit bearing and is open to students who have completed BIOL 3007.