

## **BTNY203: Marine and Freshwater Botany**

Teaching Staff: Dr Linn Hoffmann, Dr Tina Summerfield, Dr Chris Hepburn

This course will examine the diversity, physiology, and ecology of marine and freshwater plants, algae, and cyanobacteria.

### **LECTURES**

Section I (8 lectures)

Aquatic photosynthesis: Diversity and evolution

Section II (8 lectures)

Marine botany: Coastal ecosystems

Section III (8 lectures)

Freshwater botany

Revision Lectures (2 lectures)

### **LABORATORIES**

The practical component of BTNY203 consists of three modules, phytoplankton, macroalgae and freshwater. In each module laboratory experiments will be conducted to make you familiar with the organisms and to improve your laboratory skills, experimental planning, data collection and critical thinking.

### **ASSESSMENT**

Lab 1 Phytoplankton Diversity Report 5%; Phytoplankton Project 15%;  
Macroalgae Project 10%; Freshwater Lab Project 20%; Final Exam 50%