

UNIVERSITY OF GUELPH
Ontario Universities Program in Field Biology

Course Title:	Marine Biology & Oceanography
Instructor(s):	Dr. Beren Robinson, Department of Integrative Biology, 519-824-4120, ext. 58968; berenrob@uoguelph.ca
Dates:	Saturday, July 29 th – Saturday, August 12 th , 2017
Location:	Huntsman Marine Science Centre , St. Andrew's, New Brunswick.
Cost:	\$1,950.00 (Approximately; includes all meals, accommodations and transportation at HMSC). Cost does not include transportation to or from St. Andrews, N.B.
Prerequisites:	University Aquatic Biology (or Ecology) Course University Statistics Course University Invertebrate Zoology Course (recommended) N.B. This course is intended for 3rd or 4th year students specializing in Aquatic/Marine Biology.
Enrolment:	20 students (5 for OUPFB; 15 for University of Guelph)
Description:	A two-week course held at the Huntsman Marine Science Centre, St. Andrews, New Brunswick. Aspects of the ecology, behaviour, physiology, biochemistry and genetics of marine organisms will be studied as well as basic oceanographic techniques. The course will include group exercises to study community structure in various intertidal environments as well as boat cruises to collect plankton, benthic invertebrates, marine fish and to observe marine mammals. The course provides excellent opportunities for students to familiarize themselves with the major coastal communities and techniques used to study coastal marine biology and oceanography. Students conduct a group project on zonation in their first week and conduct self-motivated individual research projects in the second week.
Evaluation:	Group Project 40 % Individual Project 50 % Participation 10 %