



PHOTO CREDIT: LACHLAN RIEHL

## **MARI/OCEA 3685.03** **INTRODUCTION TO THE ECOSYSTEM** **OF THE GULF OF EILAT: CORAL REEF** **AND SUBTROPICAL SEA**

### **THE SCHULICH OCEAN STUDIES CENTRE INITIATIVE**

This intense, all-day, two-week course will include lectures, labs, and considerable field work on boats and with scuba or snorkeling. Scuba diving is not mandatory; however students who are certified will be able to use scuba diving for the research projects. All students will stay in the dormitories on site, and cook meals together, for the two-week duration of the course.

The course will cover basic topics in physical, chemical, and biological oceanography, marine geology, biogeochemistry, and coral-reef biology, focusing on subtropical (warm-water) seas, on the coral reef ecosystem, and on the unique characteristics of the Gulf of Eilat. Lectures, laboratories, demonstrations, field trips, exam, group field research projects in the sea, oral presentation, and scientific research paper are all included in this course.

This course is being offered through the Schulich Ocean Studies Centre Initiative which is a joint venture between Dalhousie University and the Inter-University Institute for Marine Sciences in Eilat, Israel. It is scheduled as a 10 day course (half-credit) and will run during the 2017 Winter Holiday Break.

### **Key Dates**

Deadline: Feb. 27<sup>th</sup> 2017

Course dates: Dec. 24<sup>th</sup> 2017 – Jan.  
5<sup>th</sup> 2018 (TBC)

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### **Eligibility**

Senior undergraduate students who have a background in ocean sciences, marine biology, or other physical sciences are eligible. Must be available for travel between Dec. 21<sup>st</sup> 2017 and Jan. 7<sup>th</sup> 2018 (TBC).

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### **Application**

Completed applications can be submitted by email to the contact below. Application is in fillable PDF format.

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### **Scope of Funding**

Covers the cost of travel, food, accommodation, and extra course costs (students pay tuition as normal)

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### **FOR MORE INFORMATION**

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[www.iui-eilat.ac.il](http://www.iui-eilat.ac.il)

click on "Schulich Initiative"