UNIVERSITY OF WINDSOR

Ontario Universities Program in Field Biology

Course Title:	**Great Lakes Field Biology**	
Instructor(s):	Ken Drouillard (kgd@uwindsor.ca)	
Dates:	June 4 – June 17, 2017	
Location:	Great Lakes Institute for Environmental Research (GLIER), University of Windsor (see www.uwindsor.ca/glier); 2990 Riverside Dr., Windsor, ON, Canada.	
Cost:	Estimated $450 ($350 deposit to home university, $100 balance). This is an estimate based on the previous year (2016) and may change at the time the course is offered. **Excluded:** The fee does not include food. Housing accommodation (if required during Windsor stay) is approximately $700 for 2 weeks. Housing will be arranged at Cantebury College residences which include access to shared kitchen facilities, communal sitting areas, and internet. Please contact the professor to arrange housing one month prior to the start of the course (by May 5, 2017).	
Prerequisites:	Students should have completed courses in introductory ecology and statistics. Having completed a limnology or aquatic ecology course would be an asset.	
Enrolment:	15 students (1 reserved for Windsor)	
Description:	Students will assess pollution and trophic interactions in the lower Great Lakes using nutrient, diet, contaminant and/or stable isotope analyses of samples collected from the field. Students will perform field collections to gain experience in sampling and laboratory analysis of water, sediments, zooplankton, benthic invertebrates, and fish along transects of the Detroit River and Lake St. Clair. There will be considerable time devoted on the water sampling fish using gill netting, seine netting and live trapping techniques as well as sampling water and sediments. Field work/laboratory analysis will be conducted in the morning and afternoons and lectures on aquatic ecology and Great Lakes water quality issues will be presented in the evenings. Each student will present a short 15 minute seminar and lead a discussion during week 2 that critiques a current research article in areas of aquatic ecology, fisheries or pollution ecology. A final laboratory report that interprets the field data will be required one month following the last day of class.	
Evaluation:	Participation (field work, laboratory analysis) Seminar Field notebook/data generation/documentation Final lab report	20% 20% 15% 45%

***$350 Deposit is due at time of registration.
Tuition at your home institution is *in addition* to any field module costs.
Students who drop a field course should not expect a refund of any field course costs.
Students are encouraged to purchase cancellation insurance if airline tickets are required.
Students are responsible for all fees incurred by the home or host university due to any bounced cheque.