

# GEOGRAPHY AND PLANNING

## GPHY 215 - Field Studies in Physical Geography



<b>Course Instructor</b>	Christopher Omelon	<b>Email:</b> c.omelon@queensu.ca
<b>Office</b>	Mackintosh-Corry Hall, Room D102A	
<b>Contact Time</b>	Fieldwork August 29 to September 2 1.5 hours/week in class during fall semester	
<b>Format</b>	Fieldwork, assignments and final project	
<b>Class Assessment</b>	Practical work: 20% Assignments: 40% Final project: 25% Participation: 15%	

### COURSE OVERVIEW

This course will introduce students to field methods and techniques used in wide variety of physical geography and related environmental fields. The emphasis will be on hands-on application of field sampling, measuring, and analytical approaches. Taught as a field camp prior to the fall term.

NOTE: Field component estimated to cost \$500. Students will be housed off-campus at QUBS, with fees covering transportation, housing, and meals.

### LEARNING OUTCOMES

Students completing this course should: have hands-on experience with numerous field-based instruments; be able to collect, analyze, and interpret data; design a field-based research project in a topic of their interest that uses numerous types of field instruments.

### COURSE TOPICS

Topics include weather and climate, hydrology and biogeochemistry of surface waters, soils, and wetlands

### COURSE READINGS

TBD