University of Toronto
Ontario Universities Program in Field Biology

Course Title:	**Temperate Field Biology**
Instructor(s):	Prof. Art Weis, arthur.weis@utoronto.ca TBA
Dates:	19 May – 1 June 2018
Location:	Koffler Scientific Reserve at Joker's Hill, King City, ON (www.ksr.utoronto.ca)
Cost:	**$720** ($350 deposit to home university; $370 balance) includes 13 nights' dormitory accommodation, meals, and transportation to/from the St. George campus.
Prerequisites:	First year biology course; upper year lab course; introductory stats course.
Enrolment*:	16 (14 reserved for University of Toronto)
Description:	Koffler Scientific Reserve at Joker's Hill is a research station run by the University of Toronto on the Oak Ridges Moraine. The objective of this course is to give you a broad overview of the natural history of south-central Ontario and to introduce you to some of the most commonly used methods in the study of field ecology and evolution. We will study many types of organisms (e.g., plants, insects, birds, mammals) in a wide array of environments. You will experience hands-on learning through informal natural history walks, group projects, specimen collections, and an independent research project. We will also provide some in-class instruction during evenings. Based on these natural history observations, each student or group of students will generate their own research project which they will spend the remainder of the course studying. Each student completes a project starting with an observation, formulating a hypothesis, designing and conducting experiments to test the hypothesis, and presenting the results in written and oral form. Further details on the course and specifics of what to bring will be provided in the spring to those who enroll. *Physical Demands/Risks* On our natural history hikes and during your own research you may encounter mosquitoes, and poison ivy. Teaching and research will be conducted outdoors, and you should be prepared for cold weather and rain, as well as hot weather. During your own field research, you will independently move through the property.
Evaluation:	Marks will be based on class performance/participation, performance on guided projects, and on the results of the original project. Each student will give an oral presentation to the class and hand in a written report, which is due at the end of the class. Students are expected to hand in their field notes and data. Oral presentation of a pre-assigned scientific paper: 10% Field notebook: 5% Class performance/participation: 20% Oral presentation on individual project: 30% Written report on individual project: 35%

***$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.