

## UNIVERSITY

### Ontario Universities Program in Field Biology

<b>Course Title:</b>	<b>Field Ecology – BIOL*4410</b>
<b>Instructor(s):</b>	M. Alex Smith, Department of Integrative Biology, University of Guelph. <a href="mailto:salex@uoguelph.ca">salex@uoguelph.ca</a>
<b>Dates:</b>	TBD Sunday, August 05th – Saturday, August 18th, 2018 or Sunday, August 12th – Saturday, August 25th, 2018
<b>Location:</b>	Wildlife Research Station (WRS) on Lake Sasajewun, Algonquin Provincial Park
<b>Cost:</b>	\$1,000 - \$1,500. Includes all meals. Does NOT include transportation to WRS
<b>Prerequisites:</b>	0.50 credits in ecology and biostatistics
<b>Enrolment:</b>	25 students (8 for OUPFB; 17 for University of Guelph)
<b>Description:</b>	This is a 12-day field course held in Algonquin Park, Ontario, during August. Emphasis is on the design and implementation of ecological field experiments; students acquire knowledge of natural history of plants, invertebrates and vertebrates as a result. Students design and conduct a research project in small groups, on any of: vertebrate, invertebrate, or plant ecology in terrestrial or aquatic habitats, and for which an independent formal scientific paper will be submitted. In addition, the students will produce field notebook highlighting their own natural history observations as well as accurately documenting their data collection, and questions. Both the scientific paper and field notebook are due the last Friday in September. There will be some formal lectures and an organizational meeting will be held in the winter semester prior to the field course.
<b>Evaluation:</b>	Research Paper           60% Natural history           40% (field notebook, quizzes, participation)