

<b>Course Title:</b>	<b>Aquatic Insect Behavioural Ecology</b>
<b>Instructor(s):</b>	Dr. Fiona F. Hunter and TBD, Department of Biological Sciences, Brock University, Tel 905-688-5550- ext. 3394 <a href="mailto:fhunter@brocku.ca">fhunter@brocku.ca</a>
<b>Dates:</b>	Sunday, May 3 <sup>rd</sup> – Saturday, May 16 <sup>th</sup> , 2020
<b>Location:</b>	Wildlife Research Station on Lake Sasajewun, Algonquin Provincial Park
<b>Cost:</b>	Total cost: \$1850. \$350 payable to your home University with your application. \$1500 balance (payable to Brock University) due by April 20 <sup>th</sup> , 2020. This course fee covers all equipment and consumables required for student projects and food and accommodation for 13 days. Students are responsible for their own transportation to and from the field station. In the past, students have been able to arrange car pools with students from other Universities.
<b>Prerequisites:</b>	Second-year general ecology course or animal behaviour course. Experience in experimental design is recommended.
<b>Enrolment:</b>	20 (4 reserved for Brock University)
<b>Description:</b>	<p>Course topics will include aquatic insect collection techniques, identification of aquatic insects in the laboratory, the habitat associations of different groups of insects, and ecological interactions of common species encountered.</p> <p>Students will work in groups of two and carry out an independent research project on the behavioural ecology of an aquatic insect of their choice and write up a report to be handed in after completing the course. Students will also keep notes on their field observations in a field book, which will also be submitted after the field course for grading. It is expected that students will gain an appreciation of the diversity of aquatic insects in Ontario and understand the ecological roles of each of the major insect groups that have aquatic life stages.</p>
<b>Evaluation:</b>	<p>Participation in fieldwork: 10%</p> <p>Participation in class discussions: 10%</p> <p>Insect Identification quiz after Week 1: 10%</p> <p>Individual presentation of assigned readings: 15%</p> <p>Field book – notes and observations: 25%</p> <p>Experimental report: 30%</p>
<b>Website:</b>	Algonquin Wildlife Research Station <a href="http://www.algonquinwrs.ca/">http://www.algonquinwrs.ca/</a>