

QUEEN'S UNIVERSITY
Ontario Universities Program in Field Biology

Course Title:	Ecology of Amphibians & Reptiles	
Instructor(s):	Dr. Grégory Bulté (Carleton; gregory.bulte@carleton.ca; 613-520-2600 x2212; http://gregbulte.weebly.com) Dr. Jeffrey Row (Waterloo; jeff.row@me.com) Dr. Steve Lougheed (Queen's; steve.lougheed@queensu.ca; 613-533-6128; http://sclougheed.ca) Course website: https://qubsherpetology.wordpress.com	
Dates:	April 30 – May 13, 2017 (2 weeks)	
Location:	Queen's University Biological Station (QUBS), on Lake Opinicon near Chaffey's Lock (100 km southwest of Ottawa, 50 km northeast of Kingston)	
Cost:	\$1100.00 (\$350.00 deposit to home university, \$750 balance). Includes: room and board at QUBS, and local transportation. Balance: due at time of course	
Prerequisites:	University course in general biology. Additional course(s) in ecology are an asset. NOTE: Students should be fit, since hiking on hilly trails is involved.	
Enrolment:	12 students (2 reserved for Queen's; 2 reserved for Carleton)	
Description:	This course provides students with an introduction to: 1) field techniques for censusing herpetofaunal diversity (snakes, turtles, lizards, salamanders, frogs), 2) the natural history and evolutionary ecology of Ontario amphibians and reptiles, 3) conservation issues (local and global) of these two vertebrate groups, and 4) experimental design and data analysis. Student seminars, class discussions, and lectures will be complemented by many "hands-on" field exercises (e.g. telemetry, bioacoustics, GPS, habitat surveys) and excursions to multiple locales. Students will learn how to pose research questions and implement field studies focused on amphibians and reptiles, and learn various techniques for gathering and analyses of field data.	
Evaluation:	Field notebook (field observations, weather conditions, data from field practica, etc.)	20%
	Seminar (20 min) based on readings done prior to the course (reference citations provided in advance)	20%
	Participation	20%
	Final report (10 pages) based upon data from class research projects (due 4 weeks after the course)	40%

***\$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.