

WILFRID LAURIER UNIVERSITY

Ontario Universities Program in Field Biology

Course Title:	Field Botany—Medicinal Plants in Flora of Ontario	
Instructor(s):	Dr. Mihai Costea (mcostea@wlu.ca; 519-884-0710 x3407) Course Webpage: https://students.wlu.ca/programs/science/biology/course-offerings/field-courses.html	
Dates:	May 15 – May 26, 2017 (2 weeks; 0.5 credits)	
Location:	Wilfrid Laurier University, Waterloo, ON. Day field trips from Waterloo to various locations/habitats in Southern Ontario, and 3 days in Bruce Peninsula.	
Cost:	<p>\$400 (\$350 deposit to home university, \$50 balance). Included: the transportation to various locations in southern ON, the accommodation costs in Bruce Peninsula, and the consumables for laboratory work and herbarium mounting supplies. Excluded: (1) The travel expenses to attend the course (if your original city is different than Kitchener-Waterloo); (2) The cost of accommodations in Waterloo if you are not from the area (ca. \$240/week in the WLU Student Residences, or lower if are willing to share housing in the city; (3) You must supply your own food (lunch bag, etc.) during the field trips.</p>	
Prerequisites:	A university introductory course in plant biology or botany NOTE: Expect morning to evening daily schedules (including on the weekend and on the first and last day) and a significant amount of hiking.	
Enrolment:	12 students (9 reserved for Laurier)	
Description:	Principles of field botany with emphasis on learning the medicinal plants from the flora of Southern Ontario. The course will introduce you to field, herbarium and laboratory methods used in plant systematics, floristics and pharmacognosy. Native and cultivated medicinal plants will be presented along with their traditional and modern uses. We will also conduct observations on plant communities, reproductive biology, etc. You will observe and collect plants, identify them, and prepare herbarium specimens. Day trips will be arranged to various habitats from Southern Ontario and to the Royal Botanical Gardens in Hamilton. In the second week we will spend three days in the Bruce Peninsula.	
Evaluation:	Final plant identification test	25%
	Final project paper (data based on individual floristics/systematics/ethnobotany-based project; due 4 weeks after end of course)	45%
	Herbarium collection of 50 species (you can keep afterwards)	20%
	Participation	5%
	Field notebook	5%

***\$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.