

**FRSC-3201/BIOL-3201. Applied Entomology**

**Learning Outcomes**

**Last Updated:** April 29, 2019

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<b>Course Learning Outcomes</b> <i>This is a sentence completion exercise.</i> At the end of the course, the successful student will know and be able to:	<b>Characteristics of a University of Windsor Graduate</b> A U of Windsor graduate will have the ability to demonstrate:
A. Identify insects to the order and family level, recognize internal and external insect anatomy and describe the physiology.	A. the acquisition, application and integration of knowledge
B. utilize multiple methods for collection and preservation of insect specimens, and utilize primary literature to answer questions about insect ecology, physiology and behavior.	B. research skills, including the ability to define problems and access, retrieve and evaluate information (information literacy)
C. debate the use of insect evidence in a case specific context and discuss other potential uses of insects	C. critical thinking and problem-solving skills
D. analyze insect development and make predictions using degree day models	D. literacy and numeracy skills
E. identify and discuss ethical and unethical uses of insect evidence	E. responsible behaviour to self, others and society
F.	F. interpersonal and communications skills
G. prepare, in co-operation with peers, written summaries	G. teamwork, and personal and group leadership skills
H. design and display an insect collection	H. creativity and aesthetic appreciation
I. adapt and apply insect identification and ecological knowledge to a wide range of current and potential uses of insects in legal cases	I. the ability and desire for continuous learning