

**Applied Conservation Biology
BIOD54H3, EES3000H**

Fall 2014

Instructor: Nicholas E. Mandrak, Ph.D.

Office: SW560; Office Hours: Tuesdays 3-4 PM or by appointment

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Note: I will only respond to course-related e-mails sent from an official University of Toronto e-mail address.

Teaching Assistant: Rowshyra Castaneda

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Prerequisite: BIOC63H3 (Conservation Biology) or equivalent.

Course Overview:

Canada has a complex conservation landscape. Through lectures and interactive discussions with leading Canadian conservation practitioners, this course will examine how conservation theory is put into practice in Canada from our international obligations to federal and provincial legislation and policies, and the role of environmental non-government organizations.

Lectures: Tuesdays 11-1 BV363

Tutorials: BIOD54H3 – Thursdays 12-1 BV264; EES3000H – Thursdays 1-2 IC204

Textbook: Chris Turner. 2013. *The War on Science*. Greystone Books. Available in the bookstore. N.B. This text is also required for EES3002H.

Required Readings and Lecture Notes: Electronic versions of required readings and lecture notes will be placed on the Blackboard course website before, or immediately after, the lecture. In the case of primary literature, a link to the library electronic version will be provided. Posting of the presentations of guest lectures will be at the discretion of the guest. **It is highly recommended that you take additional notes during lectures and tutorials. All assigned readings and material covered during lectures and tutorials will form the subject matter for the examinations.**

Evaluation:

Mid-term Examination (30%) – **October 21, 2014**

Final Examination (30%)

Scientific Report (30%) – **Due November 17, 2014**

Participation (10%)

Attendance: Students are REQUIRED to attend both the lectures and the tutorial. Note: Only fully completed official University of Toronto Illness Verification forms will be accepted for consideration (www.illnessverification.utoronto.ca). Other notes will not be accepted.

Accessibility:

Everyone is a welcome member of this class, and we strive to accommodate students with diverse learning styles and needs. Please contact the AccessAbility office as soon as possible if you need any form of accommodation. They will provide confidential services that include flexible, personalized solutions for test-taking, note-taking, and the like. The AccessAbility office is located in SW302 and can be emailed at:

ability@utsc.utoronto.ca

Academic Integrity:

The learning environment is built on mutual trust, and we assume that all students operate with honesty and integrity. However, in the rare cases of substantial evidence that the University of Toronto's *Code of Behaviour on Academic Matters* (Section B; <http://www.governingcouncil.utoronto.ca/policies/behaveac.htm>) has been compromised, then I will enact the procedures outlined in the *Code of Behaviour on Academic Matters*. By email, you will be invited to discuss the possible offence in person with me. If the discussion indicates that you have not compromised the *Code*, then no further action will be taken. If the discussion indicates otherwise, or you do not respond to two requests for a discussion, or new evidence arises, then a formal investigation will be initiated.

Week of	Topic
Sept 8	Introduction; The Role of Science in Government
Sept 15	Conservation and Biodiversity at the Federal Level
Sept 22	Federal Protected Areas
Sept 29	Federal Marine Protected Areas
Oct 6	COSEWIC
Oct 13	Reading Week
Oct 20	Midterm Examination
Oct 27	Species at Risk Act - Aquatic
Nov 3	Species at Risk Act - Terrestrial
Nov 10	Invasive Species
Nov 17	Conservation and Biodiversity at the Provincial Level - Terrestrial
Nov 24	Conservation and Biodiversity at the Provincial Level - Aquatic