BIOD54H3 Applied Conservation Biology

Instructor
Professor Scott MacIvor
Office: SY364; Office Hours: Tuesdays 1-2 PM or by appointment
E-mail: scott.macicvor@utoronto.ca
Note: I will only respond to course-related e-mails sent from an official University of Toronto e-mail address.

Lectures: Tuesdays 10am-12pm, BV361

Tutorials: Wednesdays 1-2pm, HL006

Teaching Assistant
Nicholas Sookhan (nicholas.sookhan@mail.utoronto.ca)
Availability: by appointment only

Prerequisite: BIOC63H3 (Conservation Biology) or equivalent.

Evaluation
Assignment 1: Conservation Certification (10%) January 23, 2019
Assignment 2: Part A. Critique (5%) February 13, 2019
Part B. Presentation (10%) February 26, 2019
Part C. Write-up (15%) March 6, 2019
Assignment 2: Species-At-Risk Proposal (20%) April 3, 2019
Final Examination (30%) TBD
Tutorial Participation (10%) Ongoing

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.

Attendance
Students are REQUIRED to attend both the lectures and the tutorial.

Emergency Planning
Students are advised to consult the university’s preparedness site (http://www.preparedness.utoronto.ca) for information and regular updates regarding procedures relating to emergency planning.

Accessibility Needs
The University of Toronto is committed to accessibility. If you require accommodations for a disability, or have any accessibility concerns about the course, the classroom or course materials, please contact The UTSC Accessibility Services as soon as possible:
http://www.utsc.utoronto.ca/~ability/.
We also suggest you also refer to the following University of Toronto Scarborough Library link:http://utsc.library.utoronto.ca/services-persons-disabilities

Plagiarism University of Toronto code of Behaviour on Academic Matters states that "it shall be an offense for a student knowingly: to represent as one's own any idea or expression of an idea or work of
another in any academic examination or term test or in connection with any other form of academic work, i.e., to commit plagiarism."

For accepted methods of standard documentation formats, including electronic citation of internet sources please see the UofT writing website at:
http://www.writing.utoronto.ca/advice/using-sources/documentation
The full Code of Behaviour regulations could be found from consulting
http://www.sgs.utoronto.ca/facultyandstaff/Pages/Academic-Integrity.aspx

Normally, students will be required to submit their course essays to Turnitin.com for a review of textual similarity and detection of possible plagiarism. In doing so, students will allow their essays to be included as source documents in the Turnitin.com reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of the Turnitin.com service are described on the Turnitin.com web site.

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Week</th>
<th>Dates</th>
<th>Lecture</th>
<th>Tutorial</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Jan 8+9</td>
<td>Introduction + The role of science in conservation</td>
<td>None</td>
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<td>2</td>
<td>Jan 15+16</td>
<td>Conservation at the Federal and Provincial level + <strong>Guest Lecture 1</strong></td>
<td>Paper discussion 1</td>
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<td>3</td>
<td>Jan 22+23</td>
<td>Extinction and death + <strong>Guest Lecture 2</strong></td>
<td>Assignment 2 overview + example Assignment 1 DUE</td>
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<td>4</td>
<td>Jan 29+30</td>
<td>National parks + <strong>Guest Lecture 3</strong></td>
<td>Exercise 1: Mapping Conservation Area</td>
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<tr>
<td>5</td>
<td>Feb 5+6</td>
<td>Conservation and people</td>
<td>Paper discussion 2</td>
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<td>6</td>
<td>Feb 12+13</td>
<td>Urban conservation</td>
<td>Paper discussion 3 Assignment 2 Part A DUE</td>
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<td>Feb 19+20</td>
<td><strong>Reading Week</strong></td>
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<td>7</td>
<td>Feb 26+27</td>
<td><strong>Assignment 2 Presentations</strong></td>
<td>Assignment 3 overview + example</td>
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<td>8</td>
<td>Mar 5+6</td>
<td>SARO + <strong>Guest Lecture 4</strong></td>
<td>Paper discussion 4 Assignment 2 Part B DUE</td>
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<td>9</td>
<td>Mar 12+13</td>
<td>Conservation of communities + <strong>Guest Lecture 5</strong></td>
<td>Exercise 2: Trait-based conservation</td>
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<td>10</td>
<td>Mar 19+20</td>
<td>Invasive species</td>
<td>Ontario Invading Species Awareness Program (<strong>Guest Lecture 6</strong>)</td>
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<td>11</td>
<td>Mar 26+27</td>
<td>Applied conservation genetics</td>
<td>Exercise 3: Conservation genetics</td>
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<td>12</td>
<td>Apr 2+3</td>
<td>Conservation and ecosystem services + <strong>Guest Lecture 7</strong></td>
<td>Final Exam review Assignment 3 DUE</td>
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