



EES3113H

Topics in Population and Community Ecology: Ecology and Management of Protected Areas

Instructors:

Bill Crins, Ph.D. (Ministry of Natural Resources and Forestry, retired)
 E-mail: bill.crins@utoronto.ca; bcrins@cogeco.ca

Alan Dextrase, Ph.D. (Ministry of Natural Resources and Forestry, retired)
 E-mail: alan.dextrase@utoronto.ca; alandextrase@trentu.ca

Office Hours: by appointment, Wednesdays, 3:45 p.m., EV444

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

Lectures: Wednesdays, 5-7 p.m. (including tutorial), MW264

Teaching Assistant:

Noelle Stratton (noelle.stratton@mail.utoronto.ca)

COURSE DESCRIPTION

Protected areas are fundamental building blocks in virtually all regional, national and international biodiversity conservation strategies. Through lectures and interactive discussions with conservation practitioners, this course will examine relevant conservation issues and approaches for the design and management of legally protected areas in Canada as well as conservation lands on the intervening landscape. The course will focus on approaches in Ontario and the rest of Canada, but will also include international context.

COURSE OBJECTIVES

By the end of this course, you will have the information required:

- To understand the variety of protected areas in Canada and the levels of protection they are afforded.
- To understand the role of protected areas in conservation programs and the associated public benefits.
- To understand the principles of landscape ecology used to identify protected areas and other conservation lands, and their relevance to biodiversity conservation.
- To understand the legislative, policy, and management frameworks used to manage protected areas systems in Canada.

SCHEDULE (dates marked with an asterisk indicate tutorials on assigned readings will take place after lecture)

Date	Lecture
Week 1 (Jan 8)	Overview of course format and expectations [Crins/Dextrase] Introduction to Protected Areas – what are they and why are they needed? [Crins]
Week 2 (Jan 15)*	Identification and Design of Protected Areas [Crins]
Week 3 (Jan 22)*	Legislative, Policy and Planning Approaches for the Protection and Management of Protected Areas [Crins]



Week 4 (Jan 29)*	Protected Area Target Setting and Achievements [Crins]
Week 5 (Feb 5)*	The Value and Valuation of Protected Areas – Guest Speaker [Will Wistowsky, MNRF - TBC]
Week 6 (Feb 12)*	Monitoring and Reporting on Protected Areas and their Effectiveness [Dextrase] Review for mid-term exam [Crins]
Week 7 (Feb 19)	Reading Week – No Class
Week 8 (Feb 26)	Midterm Examination
Week 9 (Mar 4)*	The Role of Private Conservation Lands – [Dextrase]
Week 10 (Mar 11)*	Natural Heritage Systems – maintaining and restoring landscape connectivity [Dextrase]
Week 11 (Mar 18)*	Identification and Design of Core Areas and Corridors [Dextrase]
Week 12 (Mar 25)	Student Presentations on Research Papers [students – continued on April1 if necessary]
Week 13 (Apr 1)	Effectiveness of Corridors in Conserving Species and Ecosystem Functions [Dextrase] Review for final exam [Dextrase]

EVALUATION

Mid-term Examination (30%) – 26 February 2020

Final Examination (20%) – April 2020 (date TBC)

Research Paper (40%) – 25 March 2020

In-class Presentations (10%) – 25 March/1 April 2020

Lecture and Tutorial Participation (10%)

*Note – no grades will be returned to students prior to the February 24th drop date.

The evaluation will be carried out in accordance with the Graduate Grading and Evaluation Practices Policy (and how that policy is interpreted and applied in this Dept.)

<http://www.governingcouncil.utoronto.ca/Assets/Governing+Council+Digital+Assets/Pollicies/PDF/grading.pdf>

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 accommodation 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 a offence 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, 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://advice.writing.utoronto.ca/using-sources/documentation>.

The full Code of Behaviour regulations could be found from consulting

<https://www.sgs.utoronto.ca/policies-guidelines/>

WRITING AND ENGLISH LANGUAGE

As well as the faculty writing support, please see English Language and writing support at University of Toronto: <http://www.sgs.utoronto.ca/resources-supports/geloc/>

Students have commented that they found the latter address extremely helpful for writing term papers.

The following are also useful:

Sylvan Barnett, *A Short Guide to Writing About Art*. 5-7th edition (New York: Harper-Collins, 1997)

William Strunk Jr., E.B. White, *The Elements of Style* (New York: MacMillan Publishing)

LATE WORK

Late research papers will not be accepted unless there are legitimate, documented reasons beyond a student's control.

READINGS

Readings will be provided to students 1 week in advance of tutorials.



FINAL EXAM DATE
April 2020 (date TBC)

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