

**DEST 403
SUSTAINABILITY AND HUMAN ECOLOGY
IN THE CIRCUMPOLAR ARCTIC**

Winter 2017

Monday and Wednesday 14:00-15:15
Earth Sciences Building 614 (ES 614)

Instructor: Naotaka Hayashi, PhD
Office: ES 820
Office hours: W 11:30-13:30 or by appointment
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COURSE DESCRIPTION

The Arctic has become a lens through which to understand global concerns such as climate change and energy security. An unstable Arctic poses threats not only to the future of the Arctic but to the world itself. In this seminar course, we explore human-environment interactions in the Circumpolar North within the wider social, economic, and political context. Because of the nature of this geographical area, a major focus for this course are Aboriginal communities in the North and their power relation to the national and international political arena. Through practical and empirical cases, this course explores environmental issues including climate change, resource extraction, local environmental knowledge, and food security in Canada's North and Greenland. The goal of this course is for students to be able to consider pressing issues surrounding Arctic communities such as sustainability, equitable development, and quality of life.

TEXTBOOK AND READINGS

Bone, Robert M. 2012. *The Canadian North: Issues and Challenges*. Toronto: Oxford Univ. Press.
Additional readings will be posted to D2L.

COURSE FORMAT

This course consists of six modules. Each module will take two weeks to cover. In the first week of each module, I will explain the module's theme. In the second week of the module, students will give a presentation based on an assigned article or a book chapter.

ASSIGNMENTS AND EVALUATION

1. Student presentation based on an article, or a book chapter	5% x2 =	10%
Summary of the in-class presentation in D2L forum	8% x2=	16%
2. Book review		30%
3. Term project		
Presentation proposal		4%
Poster presentation		25%
Student evaluation		5%
4. Final exam (on the last class day)		10%

Important dates

Mar. 1: Due date for the book review assignment:
 Mar. 6: Due date for the presentation proposal:
 Mar. 30: Due date for the term project (poster):
 Apr. 10: Final exam

COURSE SCHEDULE

Module 1 Images of the North and northern landscapes

Week 1 (Jan. 9 & 11): Lecture

Week 2 (Jan. 16 & 18): Student presentation (article or book chapter): 3 x2 presentations

Module 2 Climate change

Week 3 (Jan. 23 & 25): Lecture

Week 4 (Jan. 30 & Feb. 1): Student presentation (article or book chapter): 3 x2 presentations

Module 3 Traditional ecological knowledge (TEK)

Week 5 (Feb. 6 & 8): Lecture

Week 6 (Feb. 13 & 17): Student presentation (article or book chapter): 3 x2 presentations

Module 4 Resource management (& TEK)

Week 7 (Feb. 27 & Mar. 1): Lecture

Week 8 (Mar. 6 & 8): Student presentation (article or book chapter): 3x2 presentations

Module 5 Food security

Week 9 (Mar. 13): Lecture

(Mar. 15): Student presentation (article or book chapter): 3 presentations

Module 6 Miscellaneous

Week 10 (Mar. 20): Lecture on international collaboration in the Arctic

(Mar. 22): Video and Lecture on History of Aboriginal peoples in Canada

Week 11 (Mar. 27): Student presentation (article or book chapter): 3 presentations

Student poster presentation (term project)

Week 11 (Mar. 30):

Week 12 (Apr. 3 & 5):

In-class final exam

Week 13 Apr. 10

Student presentation (article or book chapter)

- Readings will be posted to D2L. Students choose one and decide when they will discuss their reading in the class.
- Presenters are encouraged to consult with the instructor before they present (see above for the office hours).

- For each reading, the presenter should explain the relevant background information presented in the article, the problems discussed, the central themes/objectives of the chapter, and the author's conclusions. Students are encouraged to refer to two to three related articles.
- Students can use a presentation format of their choice, including handouts, Power Point, etc.
- Presentations should be between 20~25 minutes, and will be followed by class discussion. Two students will present per class. This means four students will discuss one module theme.
- Before or after their presentation, students will be post a summary of their presentation on D2L. (If you post after your presentation, you must post within a week of your presentation.) Summaries should include: keywords, thesis, summary & supporting evidence, significant quotes, problems & critique, and related articles. ("Useful links" is an option. See D2L.)

Book review

- The review must not be more than 2 PAGES TYPED, SINGLE-SPACED, and SINGLE-SIDED in 12 PT FONT. Page margins should be 1 INCH (2.5 cm) wide, and all pages should be numbered
- Students are encouraged to stay within the maximum word and/or page length, or risk a penalty. A bibliography and brief appendix are not included in the length restrictions.
- Title pages should include: the title of the book, course code, student's name, student ID, and date of submission.
- A critical analysis requires an evaluation of the arguments made by the author, and this means you have to read carefully to find out what the author's argument(s) is/are. You may find the argument(s) stated in the book's introduction. The next step is to consider what the author provides in subsequent chapters.
- A well-written book will remind readers of the main arguments as it proceeds. The concluding chapter of the book will summarize the author's own appraisal of the argument(s) and evidence. This does not mean that you can read the introduction and conclusion, and write a good review; you need to demonstrate that you know what each chapter contains, and how it contributes to the main argument(s).
- In addition, a critical assessment requires that you assess the argument(s) and comment on whether you think the book meets the author's stated objective(s). This assessment is not a simple option, but a thoughtful evaluation of how well the author has succeeded in convincing you, the reader, of the value of the argument and the evidence used to support it. Your own conclusions should also say something about what you have learned about the subject, having read the book, and what else you might want to know that was not addressed in the book.
- As you read, it is useful to carry on a "dialogue" with the author, asking yourself if you agree with what is being said, or whether something is missing. You will need to say something about the author's relationship with the subject, and about his/her methods. In some cases, you will have to be a detective to find out what you want to know.
- You must indicate how the issues covered in the book relate to the themes covered in the course.
- Correct spelling is important. Use a dictionary and a computer spelling and grammar checker. Create a draft of your review, and then look at it again a day or so later. When you do a second draft, make sure that the ideas follow coherently from one another. Move text around if you need to. Weed out repetitive words and phrases. Vary the length of sentences.

Read the review aloud, to see how it “flows”. The final product will reflect the care you have put into its creation.

- If you wish, you may use the first person. Use the active voice as much as possible.
- Use a correct referencing format (APA format preferred).

Term project

- Students will explore one theme regarding the Circumpolar North, such as climate change, resource management (e.g., fishing and forestry), resource development (e.g., mining, oil and gas), security, etc.
- The final product will be a poster presentation.
- Students evaluate each other’s poster and submit their evaluations to the instructor.

Final exam

- Exam questions will be derived from lecture and the summaries that students post to D2L.

GRADING SCHEME

A+	100–94.9%	A	94.8–89.9%	A-	89.8–84.9%
B+	84.8–79.9%	B	79.8–74.9%	B-	74.8–70.9%
C+	70.8–66.9%	C	66.8–62.9%	C-	62.8–58.9%
D+	58.8–54.9%	D	54.8–49.9%	F	49.8% and below

Assignments

Students must submit hard copies of assignments. Electronic copies will NOT be accepted. Students must submit assignments in class, at the beginning of the lecture on the day they are due. Late submission will NOT be accepted. DO NOT submit assignments in the department dropbox or my mailbox. I do not accept assignments submitted in the drop box or my mailbox .

Exams

Test re-writes will NOT be offered except for valid and documented medical and family emergencies. Non-academic activities, such as vacation plans and heavy workload are not valid reasons for missing a exam. Course appeals (grades, missed exams) have to be made in writing. Students unable to write an exam must inform the instructor or personnel in the main office (Department of Anthropology and Archaeology, number: 403.220.6516) about their situation beforehand, NOT afterwards. A notification after the missed exam will NOT be accepted. A proper documentation must be provided within four (4) business days of the exam. (For instance, if a midterm exam takes place on Friday, documentation must be provided by Thursday of the following week. Make-up/deferred exam will occur within a week after the exam.)

EMAIL POLICY

Please include the word “DEST403” in the title of email message. Please write everything you need in one message. I appreciate concise and appropriate email messages. I will attempt to respond to emails in a timely fashion, that is, within two working days. However, responses may take longer depending on the volume of message I receive. In other words, please don’t send an email about an exam an hour before and expect a response. Also, general questions regarding the course

outline, exam formats, and so forth can be addressed in the D2L [forum](#); other students are likely to have the same general questions, and can find their answers here.

CONDUCT IN THE CLASSROOM

All cellphones must be turned off during class-time. If you expect to receive a call, sit by a door and leave the room in a non-disruptive manner prior to answering. I encourage note-taking during lecture. I will allow the use of computers for note-taking, so long as this does not interfere with lecture and/or class discussion. Students will be asked to leave the classroom if their use of computers is a distraction to other students or the instructor. Students who misuse their laptops in class will not be allowed to use computers again in class. Please note, not only is this distracting to you, most importantly it is distracting to the students around you (who see everything you are doing) and your instructor.

ACADEMIC ACCOMMODATIONS

<http://www.ucalgary.ca/access/accommodations/policy>

Students needing an Accommodation because of a Disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities

Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to "(Instructor) (Associate Dean) (Department Head) (other designated person)"

ACADEMIC INTEGRITY

Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Calgary is a strong signal of each student's individual academic achievements. As a result, the University treats cases of cheating and plagiarism very seriously. For detailed information on what constitutes academic misconduct, please refer to the following link:

<http://www.ucalgary.ca/pubs/calendar/current/k-2-1.html>

All suspected cases of academic dishonesty will be investigated following procedures outlined in the University Calendar. If you have questions or concerns about what constitutes appropriate academic behavior or appropriate research and citation methods, you are expected to seek out additional information on academic integrity from your instructor or from other institutional resources.

TEACHING EVALUATIONS / USRI (Universal Student Ratings of Instruction)

At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses. Your responses make a difference, please participate! Website: <http://www.ucalgary.ca/usri/>

Writing Across the Curriculum:

Writing skills are not exclusive to English courses and, in fact, should cross all disciplines. The University supports the belief that throughout their University careers, students should be taught how to write well so that when they graduate their writing abilities will be far above the minimal standards required at entrance. Consistent with this belief, students are expected to do a substantial amount of writing in their University

courses and, where appropriate, instructors can and may use writing and the grading thereof as a factor in the evaluation of student work. The services provided by the Writing Centre in the Effective Writing Office can be utilized by all undergraduate and graduate students who feel they require further assistance.

Emergency Evacuation Assembly Points:

In the event of an emergency that requires evacuation, please refer to the following link to become familiar with the assembly points for the class: <http://www.ucalgary.ca/emergencyplan/assemblypoints>

Freedom of Information and Protection of Privacy Act:

The University of Calgary is committed to protecting the privacy of individuals who work and study at the University or who otherwise interact with the University in accordance with the standards set out in the Freedom of Information and Protection of Privacy Act. Please refer to the following link for detailed information: <http://www.ucalgary.ca/legalservices/foip>

The Department of Anthropology and Archaeology's FOIP (Freedom of Information and Privacy) policy requires all reports/examinations to be returned to students during class time or the instructor's office hours. Any term work not picked up will be placed in the Anthropology and Archaeology Office (ES620) for distribution. Any student not wishing to have their work placed in the office must make alternative arrangements with the course instructor early in the term.

Safewalk Information:

Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day to any location on Campus including the LRT, parking lots, bus zones and University residences. Contact Campus Security at (403) 220-5333 or use a help phone, and Safewalkers or a Campus Security Officer will accompany you to your campus destination.

Faculty of Arts Program Advising and Student Information Resources:

Have a question, but not sure where to start? Arts Students' Centre

The Faculty of Arts Students' Centre is the overall headquarters for undergraduate programs in the Faculty of Arts. The key objective of this office is to connect students with whatever academic assistance that they require.

In addition to housing the Associate Dean, Undergraduate Programs and Student Affairs and the Associate Dean for Teaching and Learning, the Arts Students' Centre is the specific home to:

- program advising
- the Faculty's Co-operative Education Program
- the Arts and Science Honours Academy
- the Faculty's Interdisciplinary Programs
- a Student Help Desk

Location: Social Sciences Room 102

Phone: 403.220.3580

Email: ascarts@ucalgary.ca

Website: arts.ucalgary.ca/undergraduate/

For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at (403) 210-ROCK [7625] or visit them at the MacKimmie Library Block.

Contacts for Students Union Representatives for the Faculty of Arts:

arts1@su.ucalgary.ca

arts2@su.ucalgary.ca

arts3@su.ucalgary.ca

arts4@su.ucalgary.ca