

GEOGRAPHY 103: INTRODUCTION TO PHYSICAL GEOGRAPHY
DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF VICTORIA
Course outline – Spring 2016

GENERAL INFORMATION

Dr. Shannon Fargey
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Office hours: Monday 10:00 am to 12:00 pm
Wednesday 10:00 am to 12:00 pm
or by appointment

Lecture Information:

Time: Mon, Thur. – 8:30 to 9:50 am
Location: DTB A102

Laboratory Information (*Section, Weekday, Time, Location*)

B01	M	14:30 pm to 16:20 pm	DTB B303
B02	T	08:30 am to 10:20 am	DTB B303
B03	T	12:30 pm to 14:20 pm	DTB B303
B04	R	12:30 pm to 14:20 pm	DTB B303
B05	F	12:30 pm to 14:20 pm	DTB B303

TA Information will be posted on CourseSpaces.

COURSE DESCRIPTION

Physical Geography is the science concerned with the spatial aspects and interactions of all the physical elements and processes that make up the environment: energy, air, water, weather, climate, landforms, animals, plants, microorganisms and Earth itself.

This course introduces the science of Physical Geography using an earth-systems approach. Course themes include global climates and climate change, hydrology and water resources, geomorphology and natural hazards, and biogeography; with focus on how geographic sciences are applied to address real world issues. Field and laboratory assignments and supplementary readings complement lecture material.

EVALUATION CRITERIA

Midterm Exam (February 18 th)	25%
Laboratory Assignments (5 x 7%)	35%
Laboratory Exam (exam period TBD)	15%
Final Exam (exam period TBD)	25%

Your Final and Laboratory Exams will be written during Exam Period – TBD

Final Grade Allocation

A+	A	A-	B+	B	B-	C+	C	D	F
90-100%	85-89%	80-84%	77-79%	73-76%	70-72%	65-69%	60-64%	50-59%	<=49%

Exam format will include a combination of short-answer and multiple-choice questions. The questions for the midterm exam and final exam will be based on lectures, readings and class discussion. The midterm test will cover only the topics discussed immediately preceding it. The final exam is comprehensive, but will be weighted more heavily on material not previously tested on.

RECOMMENDED TEXTBOOK

There is no required text for this course, although it is strongly recommend that you use the online e-book entitled, 'Fundamentals of Physical Geography' 2nd Edition by M. Pidwirny and S. Jones, UBC Okanagan at: <http://www.physicalgeography.net> to supplement lecture materials.

In addition the following are excellent print textbooks:

Geosystems (2013), 3rd Canadian Edition, by: R. Christopherson, M-L. Byrne, & P. Giles

Geosystems (2016), 4th Canadian Edition, by: R. Christopherson, M-L. Byrne, & P. Giles

Physical Geography: The Global Environment (2010), 2nd Canadian Edition, by: H. J. de Blij, P.O. Muller, R.S. Williams, C.T. Conrad & P. Long

The Geosystems textbook offers an online semester rental option as well. Search for it here: <http://www.coursesmart.com/>

COURSE COMMUNICATION

CourseSpaces learning management systems (LMS) will serve as the main avenue of communication in this course (<http://coursespaces.uvic.ca>). Please monitor the page on a regular basis for course announcements, readings assignments and lecture handouts. If you are having difficulty logging in or password problems, contact the Computer Help Desk Email: helpdesk@uvic.ca, Tel: 250-721-7687

LECTURE HANDOUTS

Topic handouts *based* on lecture presentations will be provided. They will be posted on CourseSpaces before the next lecture. Topic handouts will be removed *7 days after the posting date*. Students are responsible for downloading/saving and completing notes packages. If you miss any material, make arrangements to get handouts from a fellow student, not from the instructor.

IMPORTANT COURSE POLICIES

- Students must complete all evaluation components to obtain credit
- Students must obtain a passing grade on both the examination component (midterm and final) and laboratory component (labs and lab exam) to obtain credit.
- Failure to complete an assignment (lab) or exam (midterm or final), without permission from the instructor, will result in an 'N' grade, which equals a Grade Point Value of 0.
- All assignments must be submitted to write the final exam.
- Unless otherwise stated students are expected to complete assignments independently.
- Conflicts with holidays or travel plans are not considered an acceptable reason to apply for a deferred examination or an assignment extension.

Missed exams:

- Students will not be permitted to write make-up tests except for documented medical or compassionate reasons. Please inform the instructor of your situation promptly and present written proof within five working days.
- Any make-up test or examination may not follow the same format as the in-class one.

Assignments:

- Late assignments will be penalized **25% per day** (including weekends and holidays). Exceptions will only be granted for documented medical or compassionate reasons. **Only the course instructor can grant exceptions.**
- Lab assignments are due at the beginning of your lab session.

- Please attend only the laboratory section for which you are registered. If you must miss a lab for exceptional circumstances please make arrangements with your TA in advance to attend another section.
- Details regarding your labs and their marks are managed by the course TA. Please discuss any issues on labs with your TA first.

STUDENT RESPONSIBILITIES

- A high level of student cooperation and participation, involving asking and answering questions during the lectures.
- *Cell phones and portable music players must be turned off or silenced during lectures. Students are also required to remove earphones.*
- Students are expected to be punctual for classes.
- Students are expected to attend all lectures and take notes. Not all material provided in the lecture handouts is covered in assigned readings and learning resources. In addition, not all assigned readings and learning resources will be covered in the lectures but may be covered in the exams.

CLASS CLIMATE

The University of Victoria is committed to promoting, providing and protecting a positive and safe learning and working environment for all its members. The University of Victoria has made a conscientious effort to increase diversity in the student, staff and faculty member populations. To ensure that all class members feel welcomed and equally able to contribute to class discussions, we will all endeavour to be respectful in our language, our examples, and the manner in which we conduct our discussions and group work. If you have any concerns about the climate of the class, please contact me.

ACADEMIC INTEGRITY

Academic dishonesty (plagiarism, cheating) is a very serious matter in any academic institution and is dealt with severely at the University of Victoria. *The responsibility of the institution:* Instructors and academic units have the responsibility to ensure that standards of academic honesty are met. By doing so, the institution recognizes students for their hard work and assures them that other students do not have an unfair advantage through cheating on essays, exams, and projects. *The responsibility of the student:* Plagiarism sometimes occurs due to a misunderstanding regarding the rules of academic integrity, but it is the responsibility of the student to know them. If you are unsure about the standards for citations or for referencing your sources, ask your instructor.

Infractions will be dealt with in accordance with University policy. Commonly, the penalty for any form of cheating/plagiarism is a grade of F on the tests or laboratory

assignments, or a final grade of F in the course. However, depending on the severity of the case other penalties may include a record on the student's transcript or expulsion.

Please familiarize yourself with the University policy on academic integrity found in the Undergraduate Calendar at the following website. Please contact me if you have any questions. (<http://web.uvic.ca/calendar2011/FACS/UnIn/UARe/PoAcI.html>)

STUDENTS WITH DIVERSE LEARNING STYLES AND NEEDS

If you have any type of disability/health consideration, there are support systems, resources, and accommodation actions available to you. If you wish to access any of these supports, resources or accommodations, I encourage you to contact the Resource Centre for Students with a Disability (<http://www.uvic.ca/services/rcsd/>) to ensure your success in this course. Please note that you are under no obligation to disclose your disability/health consideration.

COURSE EXPERIENCE SURVEY

I value your feedback on this course. Towards the end of term, as in other courses at UVic, you will have the opportunity to complete an anonymous survey regarding your learning experience (CES). The survey is vital to providing feedback to me regarding the course and my teaching, as well as to the department improve the overall program for students in the future. The survey is accessed via MyPage and can be done on your laptop, table, or mobile device. I will remind you and provide you with more detailed information nearer the time but please be thinking about this important activity during the course.

TENTATIVE LECTURE SCHEDULE*

Week 1: Jan 4-8	Topic 1: <i>Introductory concepts of Physical Geography</i> ; Topic 2: <i>Global Climates and Climate Change</i>
Week 2: Jan 11-15	Topic 2: <i>Global Climates, Introduction to the atmosphere</i>
Week 3: Jan 18-22	Topic 2: <i>Atmospheric circulation and extreme weather</i>
Week 4: Jan 25-29	Topic 3: <i>Introduction to the hydrosphere, Watersheds and surface water systems,</i>
Week 5: Feb 1-5	Topic 3: <i>Rivers, flooding and fluvial landscapes</i> <i>Groundwater systems and resources</i>
Week 6: Feb 8-13	<i>Reading Break</i>
Week 7: Feb 15-19	Topic 3: <i>Glacial processes and landscapes, Midterm Exam (Feb 18th in lecture period)</i>
Week 8: Feb 22-26	Topic 4: <i>Introduction to the lithosphere, Mass wasting features and hazards</i>
Week 9: Feb 29-Mar 4	Topic 4: <i>Landscape hazards and risks,</i>
Week 10: Mar 7-11	Topic 4: <i>Permafrost (periglacial) processes and hazards, Coastal processes, landforms and hazards</i>
Week 11: Mar 14-18	Topic 5: <i>Introduction to biogeography, Weathering and soils,</i>
Week 12: Mar 21-25	Topic 5 <i>Ecological biogeography, Island biogeography</i>
Week 13: Mar 28 – Apr 1	Topic 5: <i>Special topics in biogeography and catch up!</i>
Week 14: Apr 3 – Apr 9	(Monday April 4 th last day) <i>Review, Course Evaluation</i> <i>Final Exam during exam period (Date TBA)</i>

** dates and topics may change*

Topic 1: Introductory Concepts

Topic 2: Global Climate & Climatic Change

Topic 3: Global Water

Topic 4: Natural Hazards

Topic 5: Biogeography

** dates and topic schedule may change*

Information about required course readings and learning resources for the above topics will be provided on CourseSpaces.

LAB ASSIGNMENT SCHEDULE

Week	Dates	Description
1	Jan 4-8	No labs
2	Jan 11-15	Mt. Tolmie field trip
3	Jan 18-22	Lab #1: Topographic Maps (Crowsnest 082G10)
4	Jan 25-29	Lab #2: Hydrology (Chilliwack River) – Lab #1 due
5	Feb 1-5	Lab #3: Stream Table – Lab #2 due
6	Feb 8-12	No labs – Reading Break
7	Feb 15-19	No labs
8	Feb 22-26	Lab #4: Glacial Change – Lab #3 due
9	Feb 29-Mar 4	Lab #5: Campus Invasive Plant Species (team report)
10	Mar 7-11	No labs – Lab #4 due in 103 drop box
11	Mar 14-18	No labs
12	Mar 21-24	*Lab #5 due including a presentation of findings
	* Apr 1 if Friday lab.	

Please confirm with the lab instructor regarding dates and due dates of lab assignments