Creation date: June 12, 2025
Revision date:

SAMPLE COURSE OUTLINE

Course Code, Number, and Title:

GEOG 1111: Introduction to Physical Geography: Planet Earth

Course Format:
[Course format may vary by instructor. The typical course format would be:]

Lecture 3.0 h + Seminar 0.0 h + Lab. 2.0 h

Credits: 3.0 **Transfer Credit:** For information, visit bctransferguide.ca

Course Description, Prerequisites, Corequisites:

Have you ever wondered why the weather, climate, and landscape where you live differs from other places in the world? This course introduces Earth's atmosphere, hydrosphere, lithosphere and biosphere, and investigates the relationships and connections between them. Students explore tectonic, volcanic, glacial, coastal, and fluvial processes, and weather and climate. Additionally, students take a critical look at interactions between human activities and the biophysical environment, including wildfires, drought, and sea level rise. Incorporating classroom, lab, and fieldwork, students learn map interpretation and GIS techniques to study Earth systems.

Prerequisites and Corequisites unavailable, please consult Department for details.

Learning Outcomes:

Upon successful completion of this course, students will be able to…

1. Outline geographical processes and concepts in Earth's four major spheres (hydrosphere, lithosphere, atmosphere, biosphere) using an earth-systems approach. 2. Examine how the scientific method is used to acquire knowledge of natural system processes shaping physical environments. 3. Distinguish the significance of temporal and spatial scales to related scientific research and geoscience data. 4. Identify the role of large-scale natural processes in creating local and regional landforms, such as plate tectonics, volcanoes, glaciers, rivers, hillslopes and oceans. 5. Summarize the role of energy transformation and movement in creating climate, weather, and geomorphological features. 6. Examine and provide examples of the impact of human activities on the physical environment and how to address real world issues. 7. Apply and practice basic geoscience skills, scientific research and data analysis.

Instructor(s): TBA
Office: TBA **Phone: (604) 323-XXXX**
Office Hours: TBA **Email: TBA**

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Textbook and Course Materials:
[Textbook selection may vary by instructor. An example of texts and course materials for this course might be:]

For textbook information, visit https://mycampusstore.langara.bc.ca/buy_courselisting.asp?selTerm=3|8

Note: *This course may use an electronic (online) instructional resource that is located outside of Canada for mandatory graded class work. You may be required to enter personal information, such as your name and email address, to log in to this resource. This means that your personal information could be stored on servers located outside of Canada and may be accessed by U.S. authorities, subject to federal laws. Where possible, you may log in with an email pseudonym as long as you provide the pseudonym to me so I can identify you when reviewing your class work.*

Assessments and Weighting:
Final Exam 20%
Other Assessments
[An example of other assessments might be:]

Midterm Exam 20%
Quizzes 20%
Lab Work 40%

Grading System:
Specific grading schemes will be detailed in each course section outline.

Information unavailable, please consult Department for details.

Topics Covered:
[Topics covered may vary by instructor. An example of topics covered might be:]

Introduction to physical geography, Earth systems, and scientific method
- Mapping of Earth's systems

The Earth-Atmosphere Interface
- Crustal and tectonic processes
- Earthquakes and volcanoes
- Weathering, erosion, and mass movement
- Fluvial, karst, aeolian, glacial, and coastal processes and landforms

The Atmosphere
- Structure and composition of the atmosphere
- Global radiation and energy balance
- Atmospheric and oceanic circulation patterns
- Global temperatures

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Weather, water, and climate
- Weather systems
- Hydrologic cycle
- Water resources
- Climate systems

Soils and the Biosphere
- Soil formation, classification, and distribution
- Biogeography and ecosystems

As a student at Langara, you are responsible for familiarizing yourself and complying with the following policies:

College Policies:

E1003 - Student Code of Conduct
F1004 - Code of Academic Conduct
E2008 - Academic Standing - Academic Probation and Academic Suspension
E2006 - Appeal of Final Grade
F1002 - Concerns about Instruction
E2011 - Withdrawal from Courses

Departmental/Course Policies:

Information unavailable, please consult Department for details.

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