

SAMPLE COURSE OUTLINE

Course Code, Number, and Title:

APPL 5240: Environmental Planning

Course Format:

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

Lecture 3 h + Seminar 1 h + Lab 0 h

Credits: 3

Transfer credit: For information, visit bctransferguide.ca

Course Description, Prerequisites, Corequisites:

This course will introduce students to basic theory and concepts regarding planning with consideration for the natural environment. Students will explore a range of environmental planning issues, work on problems modeled on real-life situations, and learn techniques that planners use to identify and address potential environmental impacts of land use and development. The course will focus on humanenvironment interactions in urban and rural areas, but will also cover broader environmental planning applications.

Registration in this course is restricted to students admitted to the Applied Planning program.

Prerequisites: At least one of APPL 5110, APPL 5120, APPL 5130, APPL 5140, all with a minimum C grade.

Learning Outcomes:

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

- Evaluate the diverse environmental issues that may confront planners working in urban and rural areas in B.C.
- Demonstrate a basic understanding of the physical and biological components of the natural environment, their interdependence, and the relationship between the natural and built environment
- Identify and differentiate the various scales of studying the natural environment, including site specific, local, regional and landscape levels, and their relevance to planning
- Explain important environmental planning principles, applications, and regulatory and nonregulatory tools to help protect the environment from impacts associated with land use and development as they apply in specific contexts and cases
- Analyze and integrate various types of information to respond to specific environmental planning questions and challenges
- Practical experience working in teams and in communicating and presenting information in formats typically used by planners (e.g., reports, maps)

snəwəyət̚ leləm̚ Langara College acknowledges that we are located on the unceded territory of the Musqueam people.

Instructor(s): TBA

Office: TBA **Phone:** 604 323 XXXX **Email:** TBA

Office Hours: TBA

Textbook and Course Materials:

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

Randolph, J. "Environmental Land Use Planning". USA. 2003. Various chapters.

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 30%

Other Assessments %

(An example of other assessments might be:) %

Assignments: 45%

Quizzes: 15%

Participation: 10%

Number of assignments: 2

Participation format: In classes, in class group activities, and group projects

Proportion of group and individual work:

Individual: 60%

Group: 40%

Grading System: Percentage

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

Passing grade: C

This generic outline is for planning purposes only.

Topics Covered:

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

Environmental planning integrates environmental studies and planning and thus includes elements of physical, biological and social sciences theory. The course is designed to provide a broad overview of topics and teach fundamental skills to help integrate environmental components into planning at various scales. The first part of the course will introduce students to environmental planning and the primary environmental issues that planners must address. This part of the course will also review general philosophies and approaches that integrate land use and environmental planning.

Topics include:

- Introduction to environmental planning and its evolution
- Overview of environmental issues in the urban and rural context, with emphasis on Metro Vancouver and the surrounding area
- Planning scales and how the environment factors into each
- Regulatory and governance frameworks for environmental planning, including an introduction to the pertinent legislation
- Role of traditional land use planning tools in environmental planning (e.g., Official community plans, zoning, bylaws, etc.)

As the course progresses, the second part will identify and study the various physical and biological systems which comprise the environment and learn to apply this knowledge to land use planning and management.

Topics include:

- Topography, slope, soils and land use suitability
- Hydrology, stream flow, riparian habitats and groundwater
- Landscape ecology and landscape level planning
- Vegetation, urban forests and wetlands
- Wildlife habitat, biodiversity and environmentally sensitive areas
- Air quality and climate change
- Natural hazard mitigation, including flooding and geotechnical hazards
- Human caused problems: pollution, land contamination, waste management

This course emphasizes practical applications. In this regard, the following topics will also be covered at different stages of the course:

- Ecosystem and watershed-based planning approaches
- Collaborative environmental planning and dispute resolution
- Low impact development approaches

This generic outline is for planning purposes only.

- Environmental impact assessment (EIA)
- Uses of geospatial data and geographic information systems (GIS)

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:

This generic outline is for planning purposes only.