

Environmental Studies

Spaces available for registration!

January – April, 2019 Spring Term

Leadership Skills for Change

ES 378 - A01, CRN 21541

Fridays: 9:30 a.m. – 12: 20 p.m.

Instructor: Ryan Hilperts

Build the skills necessary to lead effective change in community-engaged settings. Emphasis on personal and group communication skills, decision-making techniques, presentation and facilitation skills, ethics and self-awareness for leadership. Includes case studies, examinations of theories of leadership and social movements, and practical experience.

Environmental History of the Past Ten Years

ES 380 - A01, CRN 21542

Instructor: Jeremy Caradonna

M/Th, 8:30 – 9:50 a.m.

This lecture-seminar will historicize and contextualize ongoing environmental problems. The idea is to increase literacy and awareness about "current events" by understanding their historical development. The scale of the course is global, but key examples will be drawn from recent provincial history. The course is structured around five issues of current significance:

- 1) The building of the Site C dam;
- 2) The proposed Kinder Morgan natural gas pipeline;
- 3) The Paris Climate Accord and international climate policy;
- 4) Soil depletion, soil erosion, and the challenge of sustainable agriculture;
- 5) Conflicts over water in South America and India.

Methodologically, the idea is to learn how to use cultural and historical analysis to make sense of environmental problems.

ES 480, A02

Political ecology of development, CRN 21552

Instructor: Katherine Turner

Tuesdays, 9:30 a.m. – 12:20 p.m.

This course examines a range of rural development issues affecting **Latin America** through a political ecology lens. The course begins with an overview of the theoretical and historical context, before moving to examine key themes, such as resource extraction and conservation, affecting Latin American environments and peoples. The final module of the course focuses on social movements, initiatives and rural development tools for more sustainable development pathways.

Prerequisite waiver: email esadvise@uvic.ca.

ES 482 / ES 582, A01

Introduction to Data Analysis

CRN 23677 or CRN 23678

Instructor: Alan Roberts

Thursdays, 2:30 – 5:20 p.m.

This course aims to provide students with useful skills for experimental design, data management, data visualization, and statistics, implemented with the software application R. Statistical topics will progress from linear regression models to more advanced methods, such as linear mixed-effects models, generalized linear models, and generalized additive models. Readings will address themes in contemporary data analysis. The course will include a data analysis project, for which students will complete a written report, giving students the opportunity to apply skills learned in the course, and to increase their familiarity with data analysis methods relevant to their own particular research interests. Prerequisite waiver: email allanr@uvic.ca.