

Course	Fall 2019 Topics Courses (September – December)	Instructor
380	The Organics Industry: Local Perspectives This seminar will introduce students to the history of organic farming, the development of the organic standards, and the intricacies of the organic food scene on Vancouver Island. The course will include several guest speakers, field trips to local farms, films, and engaging readings from some of the world's leading thinkers on organic food systems. The idea is to get a first-hand look at how agents in the local food system are contributing to sustainable agriculture, ecological resilience, and food security. The class is useful for anyone interested in food systems, organics, farming, green business, environmental history, and/or localized economies.	Jeremy Caradonna
480	Advanced Topics in Political Ecology: People and Power in the Changing Arctic The Arctic has undergone rapid social, political and environmental transformations in the past decades. At the same time, northern Indigenous peoples continue to navigate these changes to support locally-driven visions for the continuity of a good life. This course aims to critically examine narratives about the changing Arctic, focusing on topics such as Indigenous rights and self-governance, climate change and resource extraction, histories of environmentalism, resource co-management, food systems and food security, and Indigenous economies. Looking through the lenses of both change and continuity, students will gain a stronger understanding of Arctic places and peoples in Canada and across the Circumpolar North.	Ellie Stephenson
482 / 582	Foundations of Ecology This is primarily a reading course where we delve deeply into some classic ecology research papers on topics including, but not limited to, the following: the niche, populations, communities, ecosystems, food webs, the rise of experimental ecology, theoretical ecology, conservation biology, meta-analysis, island biogeography, meta-communities, climate change, and neutral theory. We will also examine and discuss the characteristics that make successful research ecologists and research programs. The class will be primarily driven by student discussion and presentations, and is aimed primarily at graduate students and advanced undergraduates.	Kurt Trzcinski
Course	Spring 2020 Topics Courses (January – April)	Instructor
480	Environmental Solutions: Applied Skills Workshop (A01) Focusing on diverse solutions to environmental issues, students will work directly on a project for a community organization (see http://www.elc.uvic.ca/projects/publications/ for examples of student projects). The course will address working with First Nations, in coalitions, and government relations to make change.	Deborah Curran
480 / 580	Environmental Communications for Hopeful, Real-World Solutions (A02) Invites students to approach critical environmental issues, and in some cases, their thesis research, from a solutions perspective, drawing on relevant theories from environmental communications to craft hopeful, real world engagement. 5-day intensive Reading Break course.	Elin Kelsey
482 / 582	Introduction to Data Analysis 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. Note: If you do not have the prerequisites for this course, please contact the Instructor for permission at allanr@uvic.ca .	Allan Roberts

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