

First-year core: Ecological & Social Sustainability- Judy Cushing, Ralph Murphy, Gerardo Chin-Leo

Tuesdays and Thursdays 6-10 pm

Focus: This Program addresses key issues of contemporary environmental problems, including sustainability studies on theoretical and practical levels, natural resource management and stewardship, climate change and the oceans, energy regimes and policy, and practical strategies for achieving positive social and environmental change. A variety of specific skills are emphasized in this program, including systems theory, selected quantitative methods for environmental problem solving, environmental economics, public policy and land use planning. As part of this program, students complete and present a research paper that demonstrates evidence of the ability to complete graduate level scholarship.

Thesis-Essay Workshop – Martha Henderson -Tuesdays 6-10 pm

Focus: The workshop is intended to help you prepare a high-quality thesis and to increase the likelihood of completion by the end of the spring quarter. It is a means by which students work together in informal groups to review each others' drafts, share insights about research and writing, critique each others' public presentation rehearsals, and otherwise motivate, energize, console, applaud and encourage each other during this sustained project. The workshop also provides a chance to meet weekly with the workshop faculty member for guidance.

Electives:

Conserving and Restoring Biodiversity- Tim Quinn (Mondays or Wednesdays 6-10 pm)

Focus: This course focuses on the biology that underlies conservation and restoration issues around the world. There are many ways to approach the study of conservation and restoration biology and I will mostly emphasize the scientific elements of these disciplines. I also will provide you with a practitioner's perspective of the relationship of biology and policy from work done in Washington State. This course will introduce you to the literature, controversies, and promising methodologies for a variety of conservation/restoration biology applications. In addition, I will invite a number of local experts to come and provide perspectives on their work in applied fields of conservation. We will read, discuss, and write on a variety of topics. Your assignments include written and oral exercises, and peer evaluations aimed at helping you develop your ideas and increase your ability to communicate those ideas. I want to introduce you to the principal concepts and methodologies of conservation and restoration biology, enrich your understanding of the scientific contributions necessary for solving conservation problems, foster your understanding of the scientific process in general and as applied in conservation settings, and further your powers of analysis and ability to communicate effectively

Energy in the Pacific Northwest: A Model for the Future? - Kathleen Saul (Mondays or Wednesday 6-10 PM)

Focus: This survey course will examine energy in the Pacific Northwest, past, present, and possible future, through the eyes of professionals and practitioners in various energy fields. After a brief introduction to the basics of energy—the vocabulary, the units of measurement, and how energy is produced and distributed—the class will explore the different energy options now being employed in the Northwest utilities as well as some still under investigation. The class will mix weekly readings and seminar with guest lectures and a final position paper to help students better understand the exciting diversity of energy issues facing the Pacific Northwest.

Political Ecology- Martha Henderson (Mondays or Wednesday 6-10 PM)