

First-year core: Quantitative and Qualitative Data Analysis- Gerardo Chin-Leo & Frederica Bowcutt - Tuesdays and Thursdays 6-10 pm- Tuesdays & Thursdays 6-10 PM SEM II A1105 - CRN 30238

Focus: Students learn how to integrate the use of inferential statistics and qualitative data analysis to conduct rigorous examinations of the social, biological, and physical aspects of environmental issues. This knowledge will prepare students for their own research and for understanding and critiquing research articles and reports in fields of their choosing.

Thesis-Essay Workshop – Ralph Murphy -Tuesdays 6-8 PM- SEM II E1107- CRN 30269

Focus: This continuation of the winter quarter workshop is intended to help students prepare a high-quality thesis-essay and to increase the likelihood of completion by the end of the spring quarter. This quarter, the workshop will emphasize the continuation of student support groups and improvement of thesis presentations through critique of presentation rehearsals by students and the workshop instructor.

Electives:

Environmental Education- Jean MacGregor - Mondays 6-10 PM- SEM II E3107- CRN 30261

Focus: It is widely agreed that an environmentally literate and concerned citizenry is crucial to environmental quality and long-term sustainability --but how and where is environmental and sustainability literacy fostered? And where "environmental education" occurs, is it effective? This class will explore the history, philosophical underpinnings, and current trends in environmental education for both youth and adults, in both formal sectors (schools and colleges) and non-formal ones.

This class will provide a theoretical and practical introduction to the field of environmental education and interpretation. It will be useful to those of you who are interested in environmental teaching as a career, or to those whose environmental work might involve education or outreach components. There will be one Saturday field trip, probably on April 24th.

Environmental Economics- Ralph Murphy - Wednesdays 6-10 PM- Lecture Hall 2-CRN 30258

Focus: This MES elective is designed with both theoretical and practical applied components to develop a strong understanding for how economics (and related topics) can improve and enhance environmental problem solving. A major goal of the class is to make students familiar and comfortable with the language, concepts, models and methodologies used in environmental economic analysis. The class explores the uses and applications of key concepts from micro, environmental, and ecological economics to develop a deeper understanding of public policy initiatives for the environment, sustainability, regulatory reform, and the challenges of the current fiscal crisis in the United States.

Environmental Policy Making- Craig Partridge - Wednesdays 6-10 PM- SEM II A3107- CRN 30257

Focus: The goal of this course is to introduce students to the important concepts and to both theoretical and practical problems in the making and carrying out of environmental and natural resource policy in the U. S. Students will learn several approaches to understanding how, why, and by whom environmental policy decisions are made, and will gain experience with policy analysis and evaluation techniques, negotiation, and with the particular problems of policy implementation. This course takes a process approach to the topic, rather than a descriptive or prescriptive approach, and is aimed primarily at students who see themselves as future practitioners or researchers in this field. Some prior familiarity with the main categories of environmental and natural resource legislation and with the fundamental topics of political science will help students gain the most from this course.

The Science, Politics, and Art of Sustainable Building- Rob Knapp –Mondays 6-10 PM- SEM II D3107-CRN 30264

Focus: There are about 1 billion buildings on this planet. Homes and workplaces, public buildings and recreational sites- these constitute a massive human intervention in natural processes and raise this course's central question: how can buildings achieve sustainability? My own and other recent research confirm real and rapid learning about integrating science, sociology, and politics (both formal and informal) toward answers to this question. We will focus on affordable housing in America, an area where the challenges and the potential are both great. We will review the relevant scientific, human, and political issues in detail, with an emphasis on recent successful projects and their lessons.