

New Course Announcement

Environment, Technology & Society

252-3615-00L

Technology and sustainability are deeply intertwined. This course examines the role of technology in both causing and mitigating environmental problems. The course will examine, question, and deconstruct how we build and use technology and explore new options and opportunities.

Environment

The Economics of **Environmental Actions**

Life Cycle Assessment and Environmental Footprints

Key Topics: Water, Food, Waste, and Energy

Technology

Web 2.0 and Mashups: Sharing data with the crowd

Building energy use: Sensing, feedback, and automation

Sensing through **people:** Citizen Science and the environment

Information Visualization: Making sensed data actionable

Persuasive Technology and Captology

ICTs and **direct impacts:** E-Waste and the design of Long-Living Technology

ICTs and indirect impacts: Points of engagement

People

Human Behavior and the **Environment**

Social Commentary through **Environmental Art**

Environmental Activism vs. Environmental Action