

# GRADUATE CERTIFICATE IN SCIENCE & TECHNOLOGY POLICY FALL 2016 COURSE OFFERINGS

**ENVS 5110  
SCIENCE TECHNOLOGY AND SOCIETY**

**ENVS 5120  
QUANTITATIVE METHODS OF POLICY ANALYSIS**



## **ENVS 5110: Science Technology and Society**

**Instructor: Alex Lee**

**Wednesdays 2:30 - 5:00 PM**

Science and Technology Studies (STS) investigates the intersection of values, scientific progress, and technological innovation with politics, culture, and society. This values course for the STP certificate program explores the philosophy of science, ways of knowing, and technology studies to consider the ways that society informs science and how technology and scientific understanding in turn shapes society. Open to anyone interested in these issues. No prerequisites or specific disciplinary background necessary. This seminar will be interdisciplinary and discussion based. Using a philosophical lens, we will investigate the values dimension of STS in the context of ecology, climate change, computers, development, and modernity.

## **ENVS 5120: Quantitative Methods of Policy Analysis**

**Instructor: Katie Dickinson**

**Mondays 10-12:30 PM**

Working towards evidence-based environmental policies requires a clear understanding of the methods used to generate evidence about the effects and effectiveness of these policies. In this small, seminar-style course, students will gain practical knowledge of tools that are commonly used in the professional world of policymaking and policy analysis. Areas of focus include: program evaluation methods; survey design and analysis; cost-benefit analysis; and decision analysis. Students will apply their skills through individual or team projects analyzing real-world environmental policies, and an emphasis throughout the course will be on effective communication of technical information to decision makers.

*Both courses will be held in the Center for Science and Technology Policy Research conference room at 1333 Grandview Avenue, Boulder.*

Required courses for the Graduate Certificate in Science and Technology Policy offered by the Center for Science and Technology Policy Research at the University of Colorado Boulder

More information: <http://sciencepolicy.colorado.edu/stcert>

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