**SCIENCE, TECHNOLOGY, AND ENVIRONMENTAL POLICY**  
*Predesigned Concentration*

The predesigned concentration in Science, Technology, and Environmental Policy (STEP) provides students with the skills and knowledge to study public issues arising at the intersection of science, technology, environment, and society that shape economic development, environmental sustainability, human health, and well-being. Students pursuing the predesigned STEP concentration are required to take 9 credits of coursework with at least 3 credits from each of the categories listed below.

The concentration is designed to facilitate a cohort experience through the required survey course, PA 5711, additional coursework offered by STEP and STEP-affiliated faculty, and opportunities outside of the classroom through the Center for Science, Technology, and Environmental Policy (CSTEP). Students pursuing a STEP concentration are strongly encouraged to participate in the activities of CSTEP, particularly the regular STEP Feedback and Research (STEP-FAR) seminar.

**Required Courses (3 cr.):**
- PA 5711 Science, Technology, and Environmental Policy  
  *Fall*  
  *3 cr*

**Environmental Systems Thinking (3 cr):**
- PA 5712 Science to Action: All Paths  
  *Spring*  
  *1.5 cr*
- PA 5715 Survey of Current Issues in STEP  
  *Spring*  
  *1.5 cr*
- PA 5722 Econ. of Natural Resource and Environmental Policy  
  *Spring*  
  *3 cr*
- PA 5741 Risk, Resilience, and Decision Making  
  *Spring*  
  *1.5 cr*
- PA 5742 Interdisciplinary Env. Study: Practice & Design  
  *Fall (Aug.)*  
  *1.5 cr*
- PA 5743 Acara Impact Venture Launchpad  
  *Spring (Jan.)*  
  *1.5 cr*
- PA 5752 Material-Energy Flows for a Sustainable Society  
  *Fall*  
  *3 cr*
- ApEc 5721 Economics of Science and Technology Policy  
  *Fall*  
  *3 cr*

**Focus Area (3 cr):**
- PA 5721 Energy and Environmental Policy  
  *Fall*  
  *3 cr*
- PA 5723 Water Policy  
  *Spring*  
  *3 cr*
- PA 5724 Climate Change Policy  
  *Fall*  
  *3 cr*
- PA 5731 Emerging Technologies and Society  
  *Fall*  
  *3 cr*
- PA 5751 Urban Infrastructure Systems  
  *Spring*  
  *3 cr*
- PA 5790 Urban Agriculture and Food Systems Policy  
  *Spring*  
  *3 cr*

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