



### ***Twin Cities Campus***

## **Science, Technology, and Environmental Policy Minor**

*HHH Administration*

**Hubert H. Humphrey School of Public Affairs**

Link to a [list of faculty](#) for this program.

### **Contact Information:**

Student Services, Hubert H. Humphrey School of Public Affairs, University of Minnesota, 301 19th Avenue South, Minneapolis, MN 55455 (612-624-3800; fax: 612-626-0002)

- Program Type: Graduate minor related to major
- Requirements for this program are current for Spring 2022
- Length of program in credits (Masters): 9
- Length of program in credits (Doctorate): 12
- This program does not require summer semesters for timely completion.

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The graduate minor 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 wellbeing. Students choose from the following focus areas: energy and environmental policy; water policy; climate change policy; emerging technologies and society; urban infrastructure systems; or urban agriculture and food systems policy.

## **Program Delivery**

This program is available:

- via classroom (the majority of instruction is face-to-face)

## **Prerequisites for Admission**

The preferred undergraduate GPA for admittance to the program is 3.00.

### **Special Application Requirements:**

Students interested in the minor are strongly encouraged to confer with their major field advisor and director of graduate studies, and the STEP director of graduate studies regarding feasibility and requirements.

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

## **Program Requirements**

Use of 4xxx courses towards program requirements is not permitted.

Up to 3 credits may be taken S/N. All other courses must be completed with grades of B or better.

Minor field coursework is chosen in consultation with the STEP advisor/director of graduate studies.

### **Required Course (3 credits)**

Take the following course on the A-F grading basis:

[PA 5711](#) - Science, Technology & Environmental Policy (3.0 cr)

### **Environmental Systems Thinking (3 credits)**

Select at least 3 credits from the following:

[PA 5712](#) *{Inactive}* (1.5 cr)

[PA 5715](#) - Deliberating Science, Technology, and Environmental Policy (1.5 cr)

[PA 5722](#) - Economics of Environmental Policy (3.0 cr)

[PA 5741](#) - Risk, Resilience and Decision Making (1.5 cr)

[PA 5742](#) *{Inactive}* (1.5 cr)



PA 5743 *{Inactive}* (1.5 cr)

APEC 5721 - Economics of Science and Technology Policy (3.0 cr)

PA 5752 *{Inactive}* (3.0 cr)

or PA 5761 - Environmental Systems Analysis at the Food-Energy-Water Nexus (3.0 cr)

**Focus Area (3 credits)**

Select at least 3 credits from the following:

PA 5243 - Environmental Justice in Urban Planning & Public Policy (3.0 cr)

PA 5721 - Energy Systems and Policy (3.0 cr)

PA 5723 - Water Policy (3.0 cr)

PA 5724 - Climate Change Policy (3.0 cr)

PA 5731 - Emerging Sciences and Technologies: Policy, Ethics and Law (3.0 cr)

PA 5751 - Addressing Climate and Energy Challenges at the Local Scale (3.0 cr)

## Program Sub-plans

Students are required to complete one of the following sub-plans.

Students may not complete the program with more than one sub-plan.

Masters

Doctoral