The Humphrey School has given me many opportunities to explore interesting STEP issues and to challenge both myself and my assumptions about how we shape policy.

Angela Laird

The Master of Science in Science, Technology, and Environmental Policy (MS–STEP) prepares individuals with natural science or engineering backgrounds to assume roles in public policy development and implementation. The MS–STEP degree focuses on understanding the role of science, technology, and the environment in our society, particularly in relation to economic growth, sustainability, health, education, and national security.

This distinguished program is designed to enhance the technical education of scientists and engineers with additional training in policy. Complementary policy skills provide the perspective to think about the implications of science and technology for individual citizens, communities, organizations, governments, and the world at large. Your professional contribution can become far more valuable with this dual knowledge, which is highly prized by many communities and organizations.

DEGREE PROGRAM HIGHLIGHTS

 Broadens your understanding of the policy implications of technology by adding policy analysis to your existing scientific skills

 Harnesses your engineering or natural science background to shape the policies that will change your field

 Uses science policy to find the answers to today’s challenges, both nationally and globally

 Relates science and technology policy to economic growth, health, education, environment, and national security

 Provides a network of engineers, scientists, and policymakers who share your interest in making the world a better place

 Offers access to the many collaborations in the Twin Cities among industry, nonprofits, government, and citizens that are shaping the world
A science or technical background coupled with a policy-focused graduate degree affords many career opportunities. For several years, students with an MS–STEP degree from the Humphrey School have achieved a 100 percent after-graduation job placement rate.

**ENVIRONMENTAL IMPACT MANAGER**  
U.S. Department of Energy

**FISCAL AND POLICY ANALYST**  
State of California

**WATER POLICY PLANNER**  
Minnesota Environmental Quality Board

**PROGRAM AND POLICY MANAGER**  
Center for Energy and the Environment, Minneapolis

**EXECUTIVE DIRECTOR**  
Minnesota Public Interest Research Group (MPIRG)

**PROJECT LEADER**  
LK Domain Registry, University of Moratuwa, Sri Lanka

**HYDROGEOLOGIST**  
Delta Environmental

**INTERGOVERNMENT AFFAIRS LIAISON**  
U.S. Fish and Wildlife Service

**CONSERVATOR OF FORESTS**  
Government of West Bengal

**DIRECTOR OF RESEARCH AND EDUCATION**  
Solar Electric Power Association

The MS–STEP program combines a rigorous curriculum with opportunities available in many departments, centers, and schools at the University of Minnesota. MS–STEP students can take advantage of advanced research conducted by Humphrey School faculty members, workshops and symposia, and coursework noted for its breadth and depth of focus.

MS–STEP students also have access to the Center for Science, Technology, and Public Policy where scholarship, teaching, and public engagement lend understanding to how science, technology, and public policies can promote economic growth, sustainability, environmental protection, and human well-being.

**REQUIRED CORE COURSES**

- Policy Analysis
- Politics of Public Affairs
- Economics for Policy Analysis and Planning 1
- Science and Technology Policy
- Environmental and Resource Economics Policy
- Empirical Analysis 1 (required beyond the 36 program credits for students without prior coursework in statistics)
- Survey of Current Issues in STEP

**DUAL DEGREE: MS–STEP/JD**

MS–STEP students can pursue a dual degree with the University of Minnesota Law School. Typically, a dual degree can be completed in less time than it would take to complete the two degrees independently.

The University of Minnesota is an equal opportunity educator and employer.

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