Science and Technology Policy, MSTP

LAHSDPSM

How can we build a world in which science and technology improve people's lives and reduce inequity and injustice? Advances in science and technology are opening up tremendous opportunities but only if they are developed responsibly. This program draws on some of the world's foremost experts to prepare you for success in building a technology complex future.

Program Description

Degree Awarded: MSTP Science and Technology Policy

The MSTP program uniquely prepares its graduates to have an impact in today's technologically complex world. Drawing on some of the world's leading experts and innovative thinkers, it is designed to train future leaders, policymakers and analysts in tackling complex issues ranging from climate change, energy security and responsible innovation to public health, global development and social justice.

The Master of Science and Technology Policy is a one-year, cohort-based program designed to attract students of the highest caliber. The program also may be completed over an extended period or on a part-time basis. It is suited to anyone interested in a career in which they work to ensure through responsive and effective policy development and implementation that science and technology serve society. Students come from a wide range of backgrounds and go on to develop successful careers in government, business, academic institutions and nongovernmental organizations.

On completion of the program, graduates are able to apply critical skills and methods to science and technology policy analysis, apply cutting-edge approaches to ensuring socially responsive and responsible technology innovation, and contribute to developing and implementing creative solutions to many of today's most complex challenges, including responsible innovation, technological convergence, social and environmental sustainability, health and well-being, energy, equity, development, security, data privacy, infrastructure, democracy, STEM education, the role of science, and space exploration and policy. They are able to describe the historical, social and institutional foundations of science and technology policy; discuss the complexities of science and technology policy decisions, decision-making under uncertainty and the role of experts; employ effective policy communications skills and techniques; and work collaboratively and effectively with experts from different backgrounds, including scientists, engineers and elected officials.
At a Glance

- **College/School:** School for the Future of Innovation in Society
- **Location:** Tempe campus

Accelerated Program Options

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- African and African American Studies, BA
- Innovation in Society, BA
- Innovation in Society, BS
- Justice Studies, BA
- Justice Studies, BS
- Women and Gender Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements

30 credit hours including the required applied project course (HSD 593)

**Required Core (6 credit hours)**

- HSD 501 Science and Technology Policy (3)
- HSD 502 Advanced Science and Technology Policy (3)

**Electives (9 credit hours)**

**Restricted Electives (9 credit hours)**

**Other Requirements (3 credit hours)**

- HSD 591 MSTP Professional Development Seminar Series (3)

**Culminating Experience (3 credit hours)**

- HSD 593 Applied Project (3)
Additional Curriculum Information
Restricted electives are from a list provided by the program chair.

Admission Requirements

Applicants must fulfill the requirements of both the Graduate College and the School for the Future of Innovation in Society.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited college or university of recognized standing. Students are strongly encouraged to have prior relevant education, training or experience in science and technology policy; management of science, technology or innovation; or science, technology and society.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. three letters of recommendation
4. resume
5. personal statement
6. proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

Application Deadlines

Fall

Contact Information