Global Technology and Development, MS

How do we bridge the deep global inequalities in human existence? What is the role of technology in meeting the needs of societies? You can address these questions by exploring history, social science concepts, government policies and global development projects from around the world.

Program Description

Degree Awarded: MS Global Technology and Development
The MS in global technology and development is a program in international development that examines social, economic and political development and is concerned with the global disparity in wealth and access to resources between and among countries around the world.

Global in scope, the program highlights the variables of technology and innovation in these development dynamics with explicit goals to seek equity, justice and ease human suffering. The program offers an interdisciplinary social science curriculum and trains students with diverse undergraduate degrees, backgrounds and experiences.

Students have the opportunity to pursue a customized program to address social, economic and political problems anywhere in the world. Through a wide variety of theoretical, research, policy and special topics courses, students are prepared to finish the degree program with an applied project of their choosing that explores theoretical aspects of global development or applied solutions for impact.

At a Glance

- College/School: College of Global Futures
- Location: Tempe or Online
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:

- Innovation in Society, BA
- Innovation in Society, BS
- Technological Entrepreneurship and Management, BS
- Technological Entrepreneurship and Management, BS

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

Degree Requirements

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

Required Core (3 credit hours)
GTD 511 Development Policies and Practices (3)

Other Requirements (12 credit hours)
GTD 501 Global Technology and Development (3)
GTD 503 Technology and the International Political System (3)
GTD 505 Social Science Inquiry for Global Development (3)
GTD 506 Applied Project Methods in Global Development (3)

Restricted Electives (12 credit hours)

Culminating Experience (3 credit hours)
GTD 593 Applied Project (3)

Additional Curriculum Information
For the approved electives course list, students should contact the academic unit. Other requirement courses may be substituted with approval of the academic unit.

Admission Requirements

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's degree from a regionally accredited college or university recognized by ASU in a related field such as political science, international relations, sociology, anthropology, economics, business, education, technology, engineering,
life sciences, foreign languages or literature (i.e., topics related to global development, culture or socioeconomic institutions).

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

All applicants must submit:

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

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score is required. Applicants should visit https://admission.asu.edu/international/graduate/english-proficiency for more information.

Attend Online

ASU Online

ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here.

Application Deadlines

Fall
Spring expand
Summer expand

Program Learning Outcomes

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Identify, articulate and critique main theories of global technology and development.
- Identify a current problem in global development, and create relevant and focused research questions, followed by a research design, and completed research or applied solution.
- Identify current priorities in global development, and critique how discourse, institutions and policies shape development outcomes.
Global Opportunities

Global Experience
Study abroad is possible for graduate students, with more than 50 program opportunities spanning all seven continents. Faculty-directed programs tend to be the best fit for graduate students; taking courses over the summer or during academic breaks with ASU professors offers close mentorship and professional network growth in many fields of study while earning ASU credit. Exchange program participation is also possible with careful planning. Students can find more information on the Global Education website at https://goglobal.asu.edu/students/graduate-students.

Career Opportunities
Graduates of the global technology and development program pursue impactful and rewarding careers in international development across all sectors, working for government agencies, non-governmental organizations, nonprofits, educational institutions, private businesses and corporations. Learning outcomes and skills include research, writing, analysis, and the ability to understand the complexity of diverse cultural, social and political contexts. These skills and abilities transfer to a myriad of career pathways, since they are in demand from organizations across industries.

From the School for the Future of Innovation in Society's 2021 alumni employment survey, 100% of master's degree program respondents are either employed or pursuing continuing education. Of those respondents employed, 62% have jobs directly related to their degree.

Career examples include:

- analyst (research, project, technical, data)
- consultant (fundraising, marketing, information technology)
- coordinator (environmental, health, safety, operations)
- educator (instructional design, teacher, instructor)
- manager (product, project, security, business, program, information technology)
- researcher (higher education, government, nonprofit)

Contact Information

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