PROGRAM DESCRIPTION

The GTD program highlights the variables of science, technology and innovation in development processes and analyzes change within the context of the current era of globalization. One of the central concerns addressed in the program is the global disparity in wealth and access to resources and basic needs, both between and within countries. GTD offers a flexible, individualized curriculum, allowing each student to focus on an area of interest within the larger core of topics. Students take courses in theory, research, policy and regional studies to prepare for their required culminating experience of an applied research project. SFIS faculty have research and engagement projects in Latin America, South Asia, sub-Saharan Africa, North Africa and the Middle East, China, and the Pacific Islands.

Students will acquire the following knowledge and skills:

- In-depth knowledge of the theories of economic, social and political development, and how they help us understand the role and influence of technology;

- A broad understanding of sociotechnical systems and the scope of human activity revolutionized by technology, particularly in the current era of globalization;

- The ability to critically analyze current global events, including their historical contexts, in order to make sound policy decisions regarding technology and development;

- Understanding of the implications of technological innovation and development in environments beyond their own society and culture;

- Appreciation of factors that differ in various cultural, political and social contexts; and

- Identification of problems and the formulation and implementation of relevant research agendas.

ASU School for the **Future of Innovation in Society**
Arizona State University

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How can we better understand the role of technology in improving the human condition? The Master of Science in Global Technology and Development (GTD) program engages students in social science research on issues related to technology and human, socioeconomic and political development, pursuing unique research questions across our developing planet.

CAREERS

The GTD program prepares graduate students for careers in international development, a broad field that can take students in many different directions. Alumni/ae of the GTD program are currently working in the U.S. and abroad for international development agencies, non-governmental organizations, the technology-related private sector, and military and educational institutions.

You will develop a new way forward.

"I loved that the GTD program challenged me to think about the world in a different way in all my classes. It was refreshing and important to view topics from a development perspective rather than through the 'comfort lenses' we wear on a daily basis."

– Jaclyn Smith, MS in Global Technology and Development

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The School for the Future of Innovation in Society (SFIS) is a transdisciplinary unit at the vanguard of ASU's commitment to linking innovation to public value. We are pursuing a vision of responsible innovation that anticipates challenges and opportunities, integrates diverse knowledge and perspectives, and engages broad audiences. By examining the ways we translate imagination into innovation – and how we blend technical and social concerns along the way – we learn to build a future for everyone.

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