

PROGRAM DESCRIPTION

HSD responds to growing demand for transdisciplinary research in the humanities and social sciences that can provide insights into the dynamic relationship among science, technology and society.

The HSD curriculum is flexible, combining a strong, integrated first-year experience with substantial freedom for students to design, in conjunction with their advisors, carefully crafted programs of study relevant to their own areas of specialization and expertise. The curriculum trains researchers with the necessary skills and preparation to analyze three key aspects of the study of the human and social dimensions of science and technology:

- Historical, philosophical, and conceptual foundations of science and technology
- Social and institutional foundations of scientific research and technological systems
- Political, ethical, and policy foundations of science and technology



ASU School for the
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in Society
Arizona State University

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INVENT: A NEW WAY FORWARD

Human and Social Dimensions of Science
and Technology, PhD



ADVANCE UNDERSTANDING OF SCIENCE AND TECHNOLOGY IN SOCIETY TO MEET THE CHALLENGES OF 21ST CENTURY COMMUNITIES

How can we analyze and assess the increasingly powerful roles of science and technology as agents of social and ethical change? Humanists and social scientists have unique and necessary roles to play in understanding and informing the justifications, processes, and impacts of science and technology. The doctoral program in Human and Social Dimensions of Science and Technology (HSD) prepares students to create and extend new knowledge and contribute to public debate and deliberation on the conceptual, historical, social and policy aspects of science and technology.



ACADEMIC STUDY AND BEYOND

HSD students build strong relationships with globally-recognized faculty and dynamic research centers across ASU, participating in publicly and privately-funded grant projects and expanding their creative partnerships and influence. HSD faculty come from many academic disciplines and converge in the program to provide intellectual community, scholarship, and mentorship. Together, we pursue a common goal: to reimagine and research better human outcomes, address the 21st Century's grand challenges, innovate more intentionally and responsively to human needs, and fashion more just and livable societies. Our graduates go on to continue their careers in higher education but also government, non-governmental organizations, and the corporate sector.



“People do science, science doesn’t do itself. That’s become a core component of how I understand and move and work in the world.”

– Elizabeth Garbee, PhD Human and Social Dimension of Science and Technology, 2018 Mirzayan Fellow at the National Academy of Science

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BEST COLLEGES US NEWS
ASU ahead of Stanford and MIT
—U.S. News & World Report 2018, 2017, 2016 and 2015

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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