Stevens has introduced a new program in Science and Technology Studies within the College of Arts & Letters. This field of study, which has deep relevance in today’s world, focuses on the area where social, political and cultural values intersect with scientific research and technological innovation. As a research university driven by the core value of utilizing technology and innovation to create solutions for society’s most pressing challenges, Stevens is uniquely positioned to engage this field of study.

The issues in urgent need of scientific innovation are numerous and make headlines every day: global climate change; economic stability; clean energy; the safe and effective use of artificial intelligence; and the alleviation of poverty and disease. How can we direct the power of science and technology with the most widespread benefit? Students who are passionate about these issues are ideally suited for programs within Science & Technology Studies; they can also choose to pursue a double-degree with a major in the science or engineering disciplines at Stevens.

As solutions to global challenges evolve and come to light, extensive career opportunities exist for students interested in law, energy policy, government, public health, environment, Internet policy, intellectual property and science journalism. The Science & Technology Studies program at Stevens will teach you how to approach technology issues from a variety of standpoints and prepare you for a career making an impact in critical fields.

Our program features two degrees: the B.S. in Science, Technology & Society and the B.A. in Science Communication.

**THE SCIENCE COMMUNICATION MAJOR**

Stevens’ Science Communication program will teach you the most effective methods to convey information about science, technology and medicine to experts and non-experts in the public, private and non-profit sectors. Considering a wide variety of media, from newspapers and blogs to radio and television, you will learn processes for data-gathering, interviewing, reporting, story-telling and clear presentation of complex information. Most important, you will benefit from learning your craft at Stevens, a premier research institution whose history, mission and institutional culture position us to drive advancements in technology, especially in areas of true societal need.

As a Science Communication major at Stevens you will begin with foundational courses in the history and social study of science, technology and engineering. You will then be challenged by advanced courses that will increase your knowledge of specific scientific fields and assist in developing and refining your skills in research, writing and communication. By the time you graduate, you will have gained the skills and experience to prepare you for a career in journalism, government, industry, the media, public interest groups and more.

**CLOSE-KNIT COMMUNITY**

As a student at Stevens, you will become part of a community of motivated and engaged scholars. Your faculty are accomplished researchers and thought leaders who will deliver lectures, assign readings, and foster discussions that are thought provoking and that push you to think critically. They are equally engaged outside of the classroom, accustomed to working closely with students to keep a high level of intellectual engagement, pursue opportunities for further study, secure internships, and work on research projects. The humanities experience at Stevens is designed to nurture students to realize their fullest potential, featuring small classes and the flexibility to offer seminars based on the interests of students. For example: at the request of a group of students, the College of Arts and Letters recently developed a seminar on the Philosophy of Quantum Theory, and another on the History of Aeronautics and Aviation.
As a student studying Science, Technology & Society (STS) at Stevens, you will investigate two fundamental questions: How do social forces shape scientific research and technological innovation? How do science and technology, in turn, shape human societies and cultures? Addressing these questions will put you at the forefront of developing solutions to the most pressing issues of the 21st century. You will connect advancements within science and technology with the impact they make on the people around us, understanding the “big picture” of technological advancement and becoming equipped to make an impact.

The curriculum for STS includes a core that allows you to analyze science and technology in broad historical, social and political contexts; foundational courses in science, mathematics and engineering; and finally a wide field of advanced topics allowing you to explore case studies and develop your own research projects that bridge theoretical study with practical, forward-looking applications.

A DEGREE OF DISTINCTION
Science & Technology Studies is a field with a demonstrated record of success and tremendous future potential. By the time you graduate you will have developed the critical thinking and communication skills preparing you for fields in some of the most critical areas today, including elite graduate study or exciting careers in law, industry, journalism, public health, government, technology management, non-profit management and beyond. You will enter the workforce with the intellectual capacity, skills and ability to contribute to solving the most complex challenges our society faces.

OUTCOMES
Supported by Stevens’ Office of Career Development, graduates of the College of Arts and Letters at Stevens have been successful in transitioning their skills and knowledge to careers and further study at graduate and professional schools. Recent successes include placement in programs at Tufts University, Vanderbilt University, Fordham Law School and New York Law School, to name a few. Professional fields of graduates range from careers in law and academia to occupational therapy and physiology.

CENTERS & RESOURCES

CENTER FOR TECHNOLOGY, POLICY & ETHICS
The Center for Technology, Policy, and Ethics is an interdisciplinary center that promotes research, education and dialogue across the university in different fields of applied ethics and policy. Major areas of focus include engineering and information ethics; environmental ethics and policy; business ethics and corporate responsibility; bioethics and healthcare policy; research ethics and regulation; and ethics of media and popular culture.

CENTER FOR SCIENCE WRITINGS
The Center for Science Writings draws attention to writings that shape public perceptions of science. Directed by noted science journalist John Horgan, the Center sponsors free, public events at which prominent writers – including journalists, scientists, engineers, philosophers and other scholars – visit Stevens to discuss science-related issues with students, faculty and other interested community members.

WRITING & COMMUNICATIONS CENTER
The Writing and Communications Center (WCC) at Stevens is a free, on-campus resource that provides professional assistance with all communications-related projects, from written documents to oral presentations. The Center offers workshops throughout the academic year, with topics ranging from essay structure and organization to critical reading and textual responsibility.

“The world will need people to act as a liaison between technological and cultural progress. That’s what I think the College of Arts & Letters programs do. They let people with a love of science and a passion for the humanities, like me, combine both. Hopefully they will train future leaders to make the tough decisions – thinking not only about things like profits and inventions, but about people.”

– Gabriella Green ’15, B.S. in Biomedical Engineering