GRADUATE STUDIES

CHOOSE TO EXCEL

STEVEN'S.EDU
OUR MISSION

“To inspire, nurture and educate leaders in tomorrow’s technology-centric environment while helping to devise solutions to the most challenging problems of our time.”

BUILD ON TECHNOLOGY TO TAKE YOUR CAREER FURTHER

Stevens provides a framework for your success. We leverage our distinctive technology background and legacy of innovation to develop groundbreaking research endeavors and powerful classroom experiences. The combination yields high-impact results for our students in their careers after graduation. Stevens’ expert faculty understand that many of the solutions to today’s biggest challenges lie at the intersection of disciplines. They advocate the broad perspective gained through cross-disciplinary, collaborative efforts.

You won’t just be an engineer. You’ll be a technical expert who leads teams to novel solutions. You won’t just be a manager. You’ll be a business leader who understands the technology that drives today’s market. Because the programs and research at Stevens are based on real-world needs, breakthrough solutions created here are often supported and adopted by Fortune 500 companies and government organizations. When you choose to attend a graduate program at Stevens, you’re choosing to refine and develop the skills and expertise to advance your career.
Choose the Advanced Degree that Advances Your Career

Prepare for the roles that will make the most impact

In today’s marketplace, knowledge alone isn’t enough. You must be able to lead, collaborate and view challenges from many different perspectives. Those who possess the ability to envision and pursue solutions that truly make a difference rise to the top. It is essential that leaders in all disciplines—across industry, government and academia—have a firm grasp of how technology can advance solutions in smart, efficient and effective ways.

Stevens Institute of Technology has designed graduate programs with an understanding of today’s many challenges—and vast opportunities. We will help you discover the tools, knowledge and contacts to pursue the interests you are passionate about and pave the way to a meaningful career where you can make a real impact. As a graduate student at Stevens, you’ll benefit from:

- A multidisciplinary classroom approach
- Innovative research done in world-class laboratories
- A strong alumni network
- Access to top faculty who are leaders in their fields
- Support and guidance of an award-winning Office of Career Development

Plus, with our flexible learning options, you can study full-time, part-time, on-campus, online or onsite at a corporate location.

RANKINGS AND RECOGNITION

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Groundbreaking Research in Critical Fields

Research in engineering and science at Stevens is propelled by internationally renowned faculty, laboratories, research centers, shared facilities and our strategic location minutes from Manhattan. Our researchers are defining the future of engineering with groundbreaking innovations in diverse areas of application.

Additionally, strategic initiatives and partnerships nationwide give faculty and students a wealth of opportunities to contribute to critical advances in cybersecurity, information assurance, biomedicine, pharmaceutical manufacturing, wireless communications, naval architecture, environmental studies and much more. Major research efforts underway include:

- Mass spectrometry for use in healthcare and explosive detection
- An integrated and sustained observation and forecasting system for the Amazon River to Coast Region
- Novel approaches to cryptography to preserve privacy
- Integrated approaches to make the promise of Big Data a reality
- The use of nano-engineering to solve problems ranging from infection-resistant biomaterials to reduced drag on marine vehicles
- Unmanned and autonomous underwater systems
Choose the Engineering and Science School That Meets the World’s Demands

Join one of the world’s premier technological research enterprises

The Charles V. Schaefer, Jr. School of Engineering and Science is known for its extensive legacy of fostering and nurturing groundbreaking, world-class innovation. Spanning disciplines across engineering and science fields, programs feature specialized areas of concentration that pursue solutions to some of the most pressing challenges of our time.

As a student at Schaefer, you will access a research enterprise that leverages cross-disciplinary collaboration to provide classroom and research experiences that are engaging some of the most exciting challenges facing scientists and technologists today, in critical fields such as healthcare and medicine, cybersecurity, energy, and the environment.

**Graduate study at Stevens offers:**

- An interdisciplinary and highly collaborative educational environment
- A robust and active research enterprise supported by major funding agencies such as NASA, the National Science Foundation, the National Institutes of Health, the U.S. Department of Defense and the U.S. Department of Energy
- Internationally recognized faculty researchers who are experts in their fields
- Nationally recognized centers and laboratories, and facilities with state-of-the-art instrumentation for researchers, such as the Laboratory for Multiscale Imaging and the MicroDevice Laboratory

**Environments that foster innovation**

The Schaefer School is home to the following research centers and laboratories that enable you to immerse yourself in the real issues facing key industries, and to find solutions that are both relevant and practical:

- Atlantic Center for the Innovative Design and Control of Small Ships
- Center for the Advancement of Secure Systems and Information Assurance
- Center for Environmental Systems
- Center for Healthcare Innovation
- Center for Innovation in Engineering and Science Education
- Center for Secure and Resilient Maritime Commerce
- Davidson Laboratory
- Maritime Security Laboratory
- NJ Center for MicroChemical Systems
Take advantage of programs that are continually evolving

At the Schaefer School of Engineering and Science, we provide an environment that fosters entrepreneurial leadership and prepares you for the global economic workforce. Through partnerships with industry, government and other academic institutions, as well as advisory boards that provide important feedback, our graduate programs adapt to meet and anticipate current and future needs. You’ll find this process gives you a very strong preparation for the next steps in your career, whether your path takes you farther in academia, into corporate or government labs, or into entrepreneurial ventures.

Gain a higher degree of research with a higher caliber of faculty

Our notable faculty hold distinctions as members of the National Academy of Engineering, IEEE Fellows, NSF CAREER Award winners, award-winning researchers, holders of multiple patents, and editors of prestigious journals. Faculty members work within curriculum committees and engage with industry partners to keep courses current and applicable. And these same faculty are dedicated to educating students to lead in their chosen careers and providing a platform for continued personal and professional growth, giving you a supportive community for innovative research in your discipline.

HOW STUDENTS EXCEL

“I was welcomed to spend a summer at one of Europe’s top research institutions and work alongside doctoral students from around the world. Because of my work at Stevens, now when I go to conferences or apply to conduct research internationally, I am already acknowledged as a legitimate scientist. It is so rewarding to see your work come together. It inspires you to continue to push forward.”

Amanda DiGiulio, Stevens doctoral student and coauthor of a paper recently published as the cover article in the scientific journal Cell
ENGINEERING & SCIENCE GRADUATE PROGRAMS INCLUDE:

- Applied Mathematics, M.S.
- Biomedical Engineering, M.Eng., Ph.D.
- Chemical Biology, M.S., Ph.D.
- Chemical Engineering, M.Eng., Ch.E., Ph.D.
- Chemistry, M.S., Ph.D.
- Civil Engineering, M.Eng., C.E., Ph.D.
- Computer Engineering, M.Eng., Cp.E., Ph.D.
- Computer Science, M.S., Ph.D.
- Construction Management, M.S.
- Cybersecurity, M.S.
- Electrical Engineering, M.Eng., E.E., Ph.D.
- Engineering Physics, M.Eng.
- Enterprise Security and Risk Management, M.S. (Interdisciplinary)
- Enterprise & Cloud Computing, M.S.
- Environmental Engineering, M.Eng., Ph.D.
- Game Design and Simulation Programming, M.S.
- Information and Data Engineering, M.Eng.
- Integrated Product Development, M.Eng. (Interdisciplinary)
- Maritime Systems, M.S.
- Materials Science and Engineering, M.Eng., M.S., Ph.D.
- Mathematics, M.S., Ph.D.
- Mechanical Engineering, M.Eng., M.E., Ph.D.
- Multimedia Experience and Management, M.S.
- Ocean Engineering, M.Eng., Ph.D.
- Pharmaceutical Manufacturing, M.Eng., M.S.
- Physics, M.S., Ph.D.
- Product-Architecture and Engineering, M.Eng. (Interdisciplinary)
- Service-Oriented Computing, M.S.
- Stochastic Systems, M.S.
Prahal Viswanathan is pursuing a dual degree in Business Administration and Technology Management while he works at Siemens Audiology. The company recently named Viswanathan its employee of the year after he helped implement new software that improved the quality of its hearing aids and reduced the time between a customer order and fulfillment. He said his Stevens coursework made it possible.

“Because of the classes I’ve taken, I can visualize the impact of small problems on the big picture. I can think about the technology and resources available, and figure out how to work with them to fix the problems,” he said.

“I had a lot of experience with technology in India, but I wanted to go into management. I thought the mix of technology plus some management knowledge would give me a better opportunity to make this move, and that’s what Stevens offered.”
Choose the Business Degree That Embraces Technology

These days, a vanilla business degree isn’t good enough

As technology continues to change how and where business is done, it doesn’t make sense to restrict your potential with a degree that’s limited to the traditional management disciplines.

At the Howe School of Technology Management, we employ a cross-disciplinary approach that emphasizes the best in management training with a deep understanding of technology to ensure graduates are prepared to lead people, projects and technology policy at companies in any industry.

Graduate programs at the Howe School leverage Stevens’ heritage as a technology leader to encourage the use of cutting-edge data management tools and programming languages in the classroom. Those skills are presented in a real-world context by professors who have decades of leadership experience in private industry and close connections to business leaders in nearby New York City. That proximity to industry enables Howe School faculty to quickly respond to needs of the marketplace, creating new degree programs and retooling curricula to ensure a Stevens business degree is immediately applicable on the job.

“\textit{In today’s world, having technical skills is important, but it is not enough. Augmenting those technical skills with specialized business skills adds a dimension to your credentials that will enhance your appeal to employers across any number of industries, functions and roles.}”

Professor Gregory Prastacos, Dean

Environments that foster innovation

The technology and expertise available in the Howe School’s research centers help graduate students perform at a caliber not possible elsewhere.

Center for Corporate Entrepreneurship: Investigates the factors influencing the speed and success of new products entering development.

Center for Decision Technologies: Explores the impact of networks on business and decision-making in areas such as crowdsourcing, systems design, social networks and big data.

Center for Excellence in Business Process Innovation: Examines the interplay between business processes and the companies that employ them, including risk management and standardization.

Financial Systems Center: Uses the latest software and real-time market data in the state-of-the-art Hanlon Financial Systems Lab to allow research into high-frequency trading, quantitative methods, big data analytics, market performance and efficiencies, and more.

Howe School Alliance for Technology Management: Gathers executives from a diverse range of industries to share best practices in technology management.
SPOTLIGHT ON: PIONEERS IN BIG DATA

The Business Intelligence & Analytics degree is an example of the Howe School’s agility. Conversations with industry leaders revealed a growing demand for a generation of leaders who can formulate strategies based on analyses of data gathered through customer interaction. The resulting BI&A degree was among the first in the nation, and has been refined to add new tracks for a more customizable experience. Courses utilize a state-of-the-art financial systems laboratory, where students are trained in the latest software, including Hadoop, R, Python and SAS.

Emphasizing innovation

The Howe School’s leadership in innovation isn’t just limited to the classroom or research labs. The business school’s Field Consulting Program matches MBA students with companies searching for creative solutions to real-world problems. Under the guidance of experienced faculty, MBA students meet with executives, interview stakeholders, examine competitors’ business operations and identify practical solutions that take advantage of trends and opportunities. Through it all, students are tasked with considering the technology-driven possibilities and solutions that can help clients challenge conventional assumptions and grow market share.

HOW STUDENTS EXCEL

“The Field Consulting Program gave me the chance to see what industry cares about. There are so many aspects to learn — financial, technology, consumer behavior — and this project taught me what the industry expects you to know if you are running a real business and you are discussing a real strategy.”

Bing Lang, MBA student
BUSINESS GRADUATE PROGRAMS INCLUDE:

- Business Administration, MBA
- Business Intelligence and Analytics, M.S.
- Information Systems, M.S.
- Enterprise Project Management, M.S.
- Telecommunications Management, M.S.
- Management, M.S.
- M.S. of Technology Management for Experienced Professionals
- Technology Management, Ph.D.
Choose to Shape the Future of Complex Systems and Enterprises
With the Skills to Be a Technical Leader

Gain a systems approach to achieve breakthrough results

Today’s global enterprises are becoming increasingly complex in the design and operation of their systems. It is more essential than ever that technical leaders develop both the knowledge to design cutting-edge systems and the skills to understand and manage them. The School of Systems and Enterprises (SSE) is leading the way in systems innovation and research. When you choose to pursue an advanced degree at SSE, you’ll discover that a technical background is only part of what will empower you to become a leader in your field.

At SSE, you’ll receive an education at the nexus of the many critical disciplines involved in meeting our world’s biggest challenges: engineering, systems and management. This interdisciplinary approach will teach you to view challenges from all angles, see the big picture and become a “systems-thinker,” giving you the tools to understand the nature and complexity of enterprise-wide problems and create elegant solutions to achieve breakthrough results.

The research and education at SSE are grounded in a deep comprehension of the state of practice in real-world applications, which means that what you learn here can be used immediately to enhance your effectiveness in a current or future job position.

Programs developed by and for current industry needs

The graduate programs at SSE are developed with valuable input and feedback from corporate and government partners. These programs touch on today’s high-impact industries, including financial systems, national security, healthcare and urban resilience. As a student, you’ll work collaboratively with highly respected faculty to pursue industry-relevant solutions, gaining the experience to tackle today’s socio-technical priorities.

HOW STUDENTS EXCEL

“Stevens’ focus on complex systems and data analytics ties into an entire class of problems that we are addressing with our clients. Stevens helps graduates prepare for some of the most important business challenges of our times.”

Brian McCarthy, Managing Director
Accenture Analytics - Information & Analytics Strategy
Environments that foster innovation

SSE is home to these research centers and laboratories:

- **Center for Complex Systems and Enterprises:** Fosters new research and education resulting in powerful technologies, tools and solutions in healthcare delivery, sustainable energy, financial systems and national security.

- **Center for Healthcare Innovation:** Advances medical technology and improves healthcare delivery through education, research and partnerships in the fields of biology, engineering and computer science.

- **Financial Systems Center:** Serves as a platform for financial systems research, development, evaluation of software and the investigation of cybersecurity challenges in the financial domain.

- **Systems Engineering Research Center:** A national center of excellence, provides broad systems thought leadership to challenges facing the nation’s defense and intelligence communities, involving massive complexity, rapid pace and constant technological change.

Let experience be your roadmap

The integration of academic research and practical applications is a Stevens distinction. Many faculty members come from industry or government, and they bring their own experiences—not just case studies—to their courses. At the same time, many of our faculty are distinguished academicians who are at the cutting edge of scholarly research in their fields. These faculty members will be working closely with you, guiding and challenging you to develop the knowledge and high-caliber problem-solving skills that will set you apart.

You may choose to attend SSE either part-time or full-time. Either way, you’ll be working side-by-side with a blend of peers, researchers and industry experts that can impact your career. Between academic classes and the robust social network that exists among graduate students and industry collaborators, many working relationships are forged.

**SPOTLIGHT ON: SSE Outcomes**

SSE graduate programs represent top technology careers nationwide,* and our faculty have built a strong network of productive relationships with successful global enterprises. This combination of market demand plus industry connections gives SSE students a distinct advantage. Leading employers recognize that SSE graduates are equipped to lead across disciplines and to solve complex problems throughout organizations. Graduates are highly successful in securing top technical and management positions. Top hiring firms include:

- Accenture
- Cisco
- IBM
- Rockwell Collins
- AT&T
- Citigroup
- Lockheed Martin
- UBS
- Bank of America
- Exxon
- Nomura
- UPS
- BMW
- Goldman Sachs
- Prudential
- Verizon
- Accenture
- Citigroup
- Goldman Sachs
- IBM
- Nomura
- Rockwell Collins
- UPS
- Verizon

*Software engineer, systems analyst, information security analyst and operational research analyst. Source: U.S. News & World Report
SYSTEMS & ENTERPRISES

GRADUATE PROGRAMS INCLUDE:

Engineering Management, M.S., Ph.D.
Financial Engineering, M.S., Ph.D.
Software Engineering, M.S.
Socio-Technical Systems, M.S., Ph.D.
Space Systems Engineering, M.S.
Systems Engineering, M.S., Ph.D.
Systems Security Engineering, M.S.
Choose to Follow Your Ideals
With a Program for Both Sides of Your Brain

Face the world of technology with expertise and creativity

Decision-making in the public and private sectors is increasingly challenged by the rapid transformation of society through science and technology. The College of Arts and Letters (CAL) will provide you with the means to follow a career as a corporate social responsibility officer, project leader in technological organizations, policymaker in public sector organizations or a manager of non-profit entities, among others. When you choose this unique Master of Arts program in Policy and Innovation, you’ll learn to address the challenges we face today in an interdisciplinary way, drawing from the expertise of the social sciences, philosophy and history.

You will understand the meanings and implications of social and technological change, and gain the skills to develop creative solutions in management, regulatory affairs and public administration. All courses are based on real-world cases, taught by renowned research faculty who love to think outside the box and work towards creating the responsible leaders and problem-solvers the modern world needs.

HOW STUDENTS EXCEL ▶

“Having studied electrical engineering as an undergraduate, Stevens’ new Master of Arts program in Policy and Innovation appeals to me because of its focus on how the technology I have been learning about over the last four years affects the world around me. Not only will I receive a general education in ethical philosophy, but I will also be able to focus on real-world ethical issues of the 21st century.”

Thomas Dabay

Graduate program:
Master of Arts in Policy and Innovation
Graduate Certificate in Policy and Innovation

Topics include:
History of Innovation
Ethics of Big Data
Data Visualization
Science Communication

Build and advance your career in:
Regulatory compliance
Risk assessment
Project and design management
Non-profit and NGOs
Management consulting
Public administration
SPOTLIGHT ON: NATIONAL RESEARCH CENTERS

Three Stevens research facilities have been selected by the U.S. government to lead national research, development and education efforts to address critical global needs. Through these centers, graduate researchers collaborate with academic and industry partners to enhance port security and maritime transportation, support national defense through systems engineering, and develop the next-generation small ships for the U.S. Navy.

- **National Center for Secure Resilient Maritime Commerce (CSR):** The nation’s leading port security research and education center; conducts innovative research and develops new technologies to enhance maritime security and resilience.

- **Systems Engineering Research Center (SERC):** A U.S. Department of Defense (DoD)—affiliated consortium of 20 prominent research institutions, led by Stevens; produces original research and scholarship to enhance knowledge and capability in the area of systems engineering.

- **Atlantic Center for the Innovative Design and Control of Small Ships (ACCESS):** Pioneers research to advance innovation in ship design and development.
Choose Research in Leading-Edge Labs
Where Innovation is a Way of Life

**Make an impact with real-world solutions and applications**
A graduate education at Stevens leverages the most current research conducted by and with thought leaders, faculty experts and industry partners. Our research facilities and centers give you access to the tools, methods and laboratories that make it possible for groundbreaking research to mature from idea to execution. And the collaborative research culture at Stevens results in intellectual property with far-reaching societal impact. You will develop the skills to see your ideas through to fruition, with the guidance of our Office of Innovation and Entrepreneurship. And you enter the career marketplace—in academia, major laboratories, or the corporate world—not only with a graduate degree, but with direct research project management experience, communication and teamwork skills, and inside knowledge of industry, which is exactly what leading organizations are seeking as they strive to push innovation in a competitive landscape.

**Become a key contributor on a world-class research team**
Research at Stevens is a passionate pursuit of students and faculty alike. As a graduate student, you are part of this research pipeline, from idea and discovery to commercialization.

When you join Stevens as a graduate student, you are mentored and work alongside faculty who possess the entrepreneurial spirit—a vision for how their work will address real-world challenges and solve real problems. This collaboration with faculty members who possess exceptionally deep knowledge of their research areas and extensive contacts in industry, government and academia will help facilitate your own research endeavors.

**Join a proactive research enterprise**
Stevens approaches research from a proactive standpoint. We invite stakeholders from industry, government and regulatory agencies to share our focus on pressing technical and societal challenges. We scour databases for grant opportunities. We screen government announcements and business trends for valuable insight. Unlike many universities that employ a more traditional, passive approach to selecting research projects, Stevens chooses to actively identify areas of opportunity, match them with appropriate faculty and set about developing solutions.

Our efforts are closely aligned with some of the nation’s most urgent priorities and challenges:

- Healthcare and medicine
- Sustainable energy
- Financial systems
- Defense and security
- Coastal sustainability
- Science, technology, engineering and mathematics (STEM) education
Stevens Research in Action

WIRELESS WONDER:
Creating the smartphone apps and wireless networks of the future

Stevens professor Yingying Chen creates the apps and wireless networks of the future—in close collaboration with a dedicated team of graduate students. Dr. Chen has secured NSF funding support for a variety of leading-edge projects, including a revolutionary application that temporarily prevents drivers from texting; a new system for monitoring medical conditions via smartphone and sending alerts to physicians during potential emergencies; and super-secure networks that can be deployed in battlefields or disasters. None of it would be possible without her graduate student team.

GOOD FOR YOUR HEALTH:
Medical research and device design at the leading edge of industry

Stevens maintains close relations with a host of medical design and manufacturing firms in New Jersey. Our graduate biomedical engineering students and faculty continually develop a host of healthcare innovations including a new safe anaesthesia technology that could save patients millions and is now close to market; a new pacemaker battery that will last much longer than existing models; a novel artificial heart; and 3-D printing of prosthetic hand models that will greatly speed research in prosthetics design. Our data-mining experts comb stroke and diabetes patient data for patterns. We are uncovering surprising insights into antibiotic allergies. And our new Center for Healthcare Innovation has launched promising drug discovery research efforts.
IMMERSED IN SOLUTIONS:
*The Center for Complex Systems and Enterprises*

The Center for Complex Systems and Enterprises was established to help Stevens faculty, researchers, students and others understand complicated systems and data in order to make intelligent business and policy decisions. And the CCSE wields a powerful visual and technological tool: the Immersion Lab, with its 8'-by-20', 180° array of interactive touch-screen monitors for simulations, models, design structures and other visualizations. The lab is particularly useful for policymakers, media, the general public and cross-disciplinary research teams to visualize and grasp complex systems questions and challenges.

WALL STREET CREDIBILITY:
*The Hanlon Financial Systems Lab*

Graduate business students at Stevens enjoy access to the Hanlon Financial Systems Lab, a financial research center unlike any other in the tri-state region. Outfitted with a simulated Wall Street trading room complete with Bloomberg terminals streaming live market data, the lab makes possible student and faculty research into a host of complex financial questions, scenarios and ‘big data’ projects once too complex to examine. Students run analyses of urban emergency-planning logistics, coastal flooding and marketing data; design and validate softwares and models for the U.S. military; and test exciting new approaches to cybersecurity.

BIG INNOVATIONS IN VERY SMALL PACKAGES:
*The Micro Device Laboratory*

The Micro Device Laboratory (MDL) is a leading-edge nanotechnology research and teaching facility where Stevens researchers further the tremendous promise of nanotech to transform optics, sensing, medical device design, energy storage and a host of other fields. MDL assists in such innovations as the design of new water-repellent, anti-corrosive, hydrodynamic naval vessel surfaces. The lab features an 800-square-foot clean room outfitted with state-of-the-art micro- and nanofabrication capabilities for students and faculty, who explore aspects of nanoelectronics, nanophotonics, nanosensing, microchemical systems, nanoenergetics and nanoscale energy harvesting. A full range of fabrication and imaging technologies allow for complex lithography, wet and dry etching, deposition and characterization of a wide range of advanced nanomaterials.
PROFESSIONAL ASSOCIATIONS & CO-CURRICULAR ACTIVITIES

The Office of Graduate Student Affairs at Stevens Institute of Technology invites all graduate students to participate and engage in club activities. Graduate student clubs organize speaker series, cultural presentations and student networking opportunities for the Stevens community.

We host monthly graduate mixers at local Hoboken establishments and once a month students are invited to coffee meet-ups. Both events offer students an opportunity to socialize outside of the classroom.

There are a variety of cultural and academic clubs, as well as professional associations, that encourage our students to explore personal and professional interests and form connections within our graduate student population. There is a good chance you’ll find something that matches your interests and new clubs are always encouraged.

HOUSING

Most Stevens graduate students live in off-campus houses and apartments in and near Hoboken, New Jersey. Our local area is an exciting urban community with a great assortment of specialty shops, restaurants, parks, historical sites, businesses and nightlife. Public transportation options abound, and Stevens also offers a robust shuttle program to make nearby neighborhoods extremely accessible to campus. A small number of graduate students live in Stevens Leased Housing apartments, located in Hoboken within walking distance of the campus.
Choose to Live in a Community
Where Support is an Essential Part of Success

Graduate Student Support

As a graduate student, you’ll find a supportive, engaging environment to help you pursue your academic goals. From the moment studies begin, the Office of Graduate Student Affairs works with you, as well as our faculty and staff, to promote your personal and professional development through a wide variety of programs and services. By taking part in societies and clubs, collaborations with faculty and colleagues, academic courses, enrichment programs, and more, you’ll receive the fullest experience possible while earning your degree.

In addition, the Office of Graduate Student Affairs offers discounted events, trips and activities to help you meet your peers and build a cohesive community.

If you are a doctoral student, the Ph.D. Network offers opportunities for personal and professional development, as well as social and leisure activities for both you and your family. The network fosters a sense of community regardless of academic department or year of study.

Our full-time and adjunct faculty are also a source of support. Their backgrounds in industry and government provide the rigor required to have courses with real-world relevance.

The Career Masters Workshop is a weekly series designed to specifically address the needs of full-time master’s and Ph.D. students preparing for and seeking employment.

Career Development

The Office of Career Development will support you as you pursue your goals. In fact, Stevens was ranked 13th in the nation for “Best Career Services” by The Princeton Review in the 2013 edition of “The Best 377 Colleges.” We offer career exploration programs, experiential education opportunities, and individualized guidance from the Career Development staff. From your first semester through graduation, we will provide career planning workshops, corporate site visits and a variety of on-campus recruiting opportunities throughout the year. We are privileged to aid corporate, government and non-profit employers in their efforts to recruit top talent for their organizations, which gives you an important advantage as you pursue career opportunities.
Choose a University that Welcomes Diversity and Creates a Home Away from Home

Information for International Students

Stevens is home to a diverse community of students from across the globe. Our international students are a vital part of our community, representing more than 60 countries and bringing diverse traditions to our campus. We value the global perspectives that add to our campus community and classroom experiences.

Stevens takes every step to ensure a smooth transition to your new home away from home. Accepted students receive assistance with immigration-related matters from our office of International Student and Scholar Services (ISSS). Stevens also provides programs and activities that begin before the academic semester starts to help you successfully make your transition into American culture.

Career development is an important part of your experience at Stevens. Full-time international students who hold F-1 immigration status can be granted work authorization through the federal Optional Practical Training (OPT) or Curricular Practical Training (CPT) benefits, allowing them to gain work experience directly related to their area of academic study. The ISSS office offers workshops, videos and materials to help you understand the ins and outs of OPT and CPT, including how to apply and types of eligible employment. Through internships and Stevens’ Cooperative Education (Co-op), you will find many opportunities to apply your expertise in a supportive workplace.

Recreation is just as important as education. We have six multicultural clubs devoted to the diverse cultural backgrounds that comprise our student body. We also provide monthly social programs so you can explore New York City, as well as New Jersey landmarks and events.

English Language Assistance

Stevens provides assistance with English language, writing and communication skills to all students pursuing a master’s or Ph.D. degree. Three levels of English communication courses are available in the Stevens College of Arts and Letters (CAL). In addition, the Writing and Communications Center provides all students with expert writing assistance and consultation, and also runs English conversation groups and pronunciation workshops. In the CAL Language Lab, students can access a variety of language resources.

HOW STUDENTS EXCEL

“As an international student, it is difficult to adjust to a different culture in another part of the world, but Stevens has provided many different activities, advisors, faculty and staff here to facilitate that transition.”

Yan See Tao, Ph.D. in Systems Engineering
SPECIAL PROGRAMS ENABLE GRADUATE STUDENTS TO WORK IN:

- Business Information & Analytics
- Computer Engineering
- Computer Science
- Electrical Engineering
- Engineering Management
- Financial Engineering
- Information Systems
- Mechanical Engineering
- Pharmaceutical Manufacturing Engineering
- Software Engineering
- Telecommunications/Project Management
Fellowships, Scholarships and Assistantships

Stevens offers a variety of scholarships, fellowships and assistantships to support graduate students, including:

- **Robert Crooks Stanley Fellowship** is usually awarded on an academic-year basis and includes both tuition and stipend. Nominees must be full-time, U.S. citizens pursuing a doctorate or master’s degree and maintaining a 3.5 grade point average.

- **Innovation & Entrepreneurship Doctoral Fellowship** is given to recruit highly motivated doctoral students with strong scientific and technical background and entrepreneurial aspirations.

- **Teaching Assistantships** are usually designated by the department director to assist professors in the department with undergraduate classes, labs, recitation sessions, grading homework, etc.

- **Research Assistantships** are usually chosen by individual faculty members within a department or research center. Funding is contingent on current research activity and support. If you are awarded an RA appointment, you will be expected to assist a faculty member or group of faculty members in performing research related to your field of study.

- **Provost’s Master’s Fellowships** are usually offered to exceptional students interested in pursuing a master’s degree on a full-time basis. Selection criteria include GRE/GMAT scores, in addition to exceptional academic performance as an undergraduate. TOEFL scores are also considered as a criterion for international applicants. In general, students who are placed approximately in the top 5% of the applicant pool are considered for this program.

Arrange a visit

The Office of Graduate Admissions holds information sessions for prospective students, conducts campus tours, and will facilitate meetings with faculty or arrange for prospective students to attend a class. Call the Office of Graduate Admissions at 888-STEVE N or send an email to graduate@stevens.edu to arrange a tour.

### GRADUATE FACTS

- 3,593 graduate students across 4 schools
- 165 graduate certificate programs
- 59 master’s programs
- 19 Ph.D. Programs
- 45 states and 68 countries are represented in the student body
- 12:1 student:faculty ratio for graduate students
- Partnerships at local, national and international levels with government, industry and academia
Choose to Take a Closer Look and See All the Advantages of Attending Stevens

HOW TO APPLY

Applicants may apply online at stevens.edu/sit/graduate/apply. All applicants must submit the following:

- Online application
- $60 non-refundable fee
- Two letters of recommendation
- Official college transcripts from all institutions attended
- GRE/GMAT scores are required depending on degree program and full-time/part-time status

Unless exempt, international applicants will also be required to submit the results of a TOEFL or an IELTS test.

*Some programs may require additional materials. Check with your program’s website or email the Office of Graduate Admissions at graduate@stevens.edu to confirm your program’s requirements.

Unofficial documents should be uploaded through the online application system for initial review.

Official transcripts must be mailed to:

Stevens Institute of Technology
Office of Graduate Admissions
Castle Point on Hudson
Howe Center, 12th Floor
Hoboken, NJ 07030

Domestic applicants may also consider enrolling right away as a non-matriculated student. This will allow you to take up to three courses that may count towards a four-course certificate or a master’s degree.

For details and more information visit stevens.edu/graduate.

Recommended application deadlines for master’s degree

International Master’s Degree Applicants:
- Fall semester: April 15
- Spring semester: November 1

Domestic Master’s Degree Applicants:
- Fall semester: June 1
- Spring semester: November 30

Applications for master’s degrees are accepted on a rolling admissions basis throughout the school year.

Required application deadlines for Ph.D. applicants

Ph.D. Applicants:
- Fall semester and seeking funding:
  - SSE: March 15
  - HOWE: April 1
  - SES: February 1

- Spring semester and seeking funding:
  - SSE: August 15
  - HOWE: October 1
  - SES: October 1

If you have any questions, please contact the Office of Graduate Admissions at 800-STEVENS or email graduate@stevens.edu