At RIT, you're always on to

something...

RIT

Extraordinary

Inspiring

Creative

Remarkable

Unprecedented

Imaginative

Visionary

Inventive

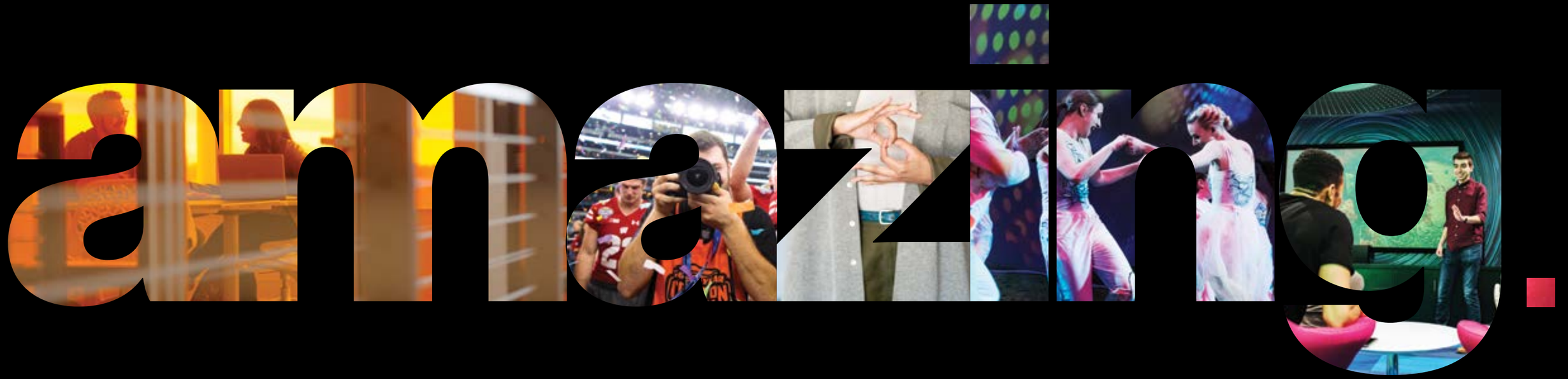
Inclusive

Life-Changing

Sophisticated

Meaningful

and ...


amazing.

The pursuit of the extraordinary, the novel, and the unexpected ...

it forces you to stay ahead of the curve;
to constantly work, stretch, and reshape everything
necessary to advance beyond the expected.

Imagine being on campus surrounded by like-minded individuals, learning, living, laughing, and collaborating together in a place where possibility is exceeded only by wonder.

At RIT, we focus on cultivating curious minds, encouraging creativity, and bolstering innovation in every single discipline. What inspires you? Where do you want to go? How do you want to explore the world? RIT is the perfect place for you to discover these answers while you acquire the knowledge and experience that will fast-track your success.

Get your start at the place known for spectacular finishes.

You can't predict the future, but you can prepare for it. Here, you don't just leave with a degree, you graduate with a direction. You'll be experienced in interviewing, have professional work experience on your resume, and be part of a network of more than 135,000 alumni.

2
annual campus-wide career fairs

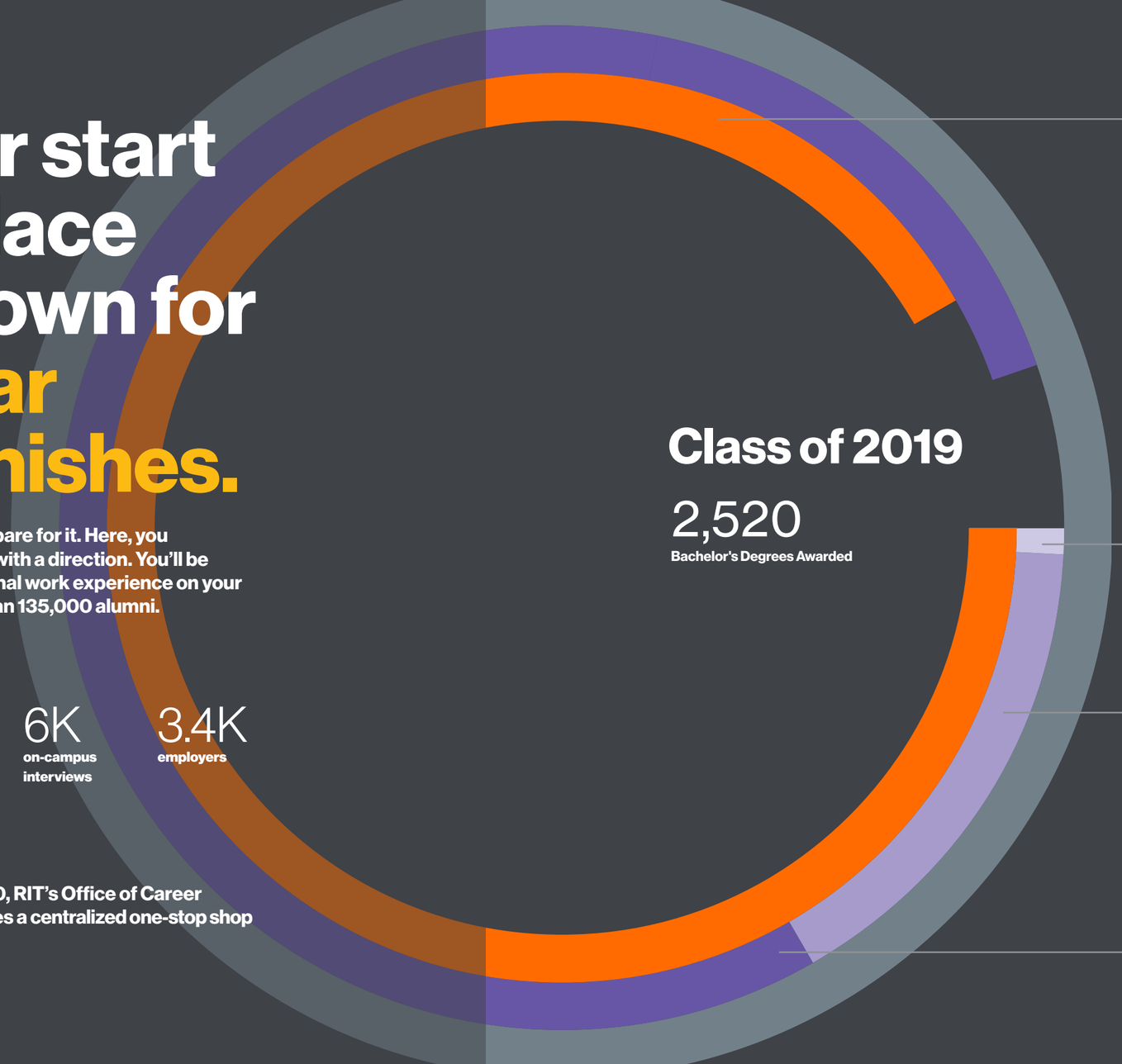
7
annual specialized majors career fairs

2.7K
jobs posted on RIT's Career Services website

6K
on-campus interviews

3.4K
employers

Ranked by *The Princeton Review* in the Top 10, RIT's Office of Career Services and Cooperative Education provides a centralized one-stop shop for RIT students and alumni.



Class of 2019

2,520
Bachelor's Degrees Awarded

91.2%
Knowledge Rate
Total percentage of graduates for whom RIT has verifiable data.

93.8%
Outcomes Rate
Total percentage of graduates who have entered the workforce, enrolled in full-time graduate study, or are pursuing alternative plans (military service, volunteering, etc.) within six months of graduation.

1.2%
Alternative Plans

18.8%
Full-Time Graduate Study

73.8%
Employed

Some of the people and the places that show the world what we can do.

Notable Alumni

You will find prominent RIT alumni making their mark in a variety of fields including government, science, technology, arts, media, business, engineering, and more. A sampling of our more than 135,000 alumni includes:

Eric Avar ’90
Vice President of Design Innovation at Nike

Terry Clapham ’71
“Founding Father” of excimer laser vision correction; Co-Founder, VISX, Inc.

Gale Gand ’81
Cookbook author, chef, and host of TV Food Network’s “Sweet Dreams”

Jim Hasman ’01
Production Manager, Walt Disney Pictures

Alex Kipman ’01
Technical fellow, Microsoft; lead product innovator for Microsoft Kinect and HoloLens

Rick Kittles, Ph.D. ’89
Genetic biologist; co-founder of African Ancestry, Inc.

Brittney Lee ’06
Visual development artist on Disney’s “Frozen”

Katie Linendoll ’05
TV host, producer, and sports-tech expert at ESPN, ESPN.com, and ESPN The Magazine. Tech expert on A&E’s “We Mean Business”; contributor on the “Today Show” and CNN

Gary Mack ’93
Director of Visual Strategy and Presentation, National Basketball Association

John Resig ’06
Creator of the jQuery JavaScript Library; Dean of Computer Science for Khan Academy; software engineer and entrepreneur

Susan J. Riley ’81
CFO, Vestis Retail Group, owners of Bob’s Stores, Eastern Mountain Sports, and The Sports Chalet

Steven Van Slyke ’88
Co-inventor of organic light-emitting diode (OLED) displays used in smartphones, digital cameras, and HD and Ultra HDTVs; Chief Technology Officer, Kateeva

Employer Partners

A sampling of our employer partners that hire for co-op and full-time employment:

Amazon
American Greetings Corporation, LLC
Apple, Inc.
Bank of America
Boeing
BMW Manufacturing Co.
CBS
Citigroup
Cleveland Clinic
Corning, Inc.
The Corning Museum of Glass
Forbes Media
Fujifilm North America
GE Aviation
Godiva Chocolatier
Google LLC
IBM
iRobot
Johnson & Johnson Services, Inc.
Liberty Mutual
Lockheed Martin Corporation
Microsoft Corporation
NASA
National Geospatial Intelligence Agency
Raytheon Technologies
Regeneron Pharmaceuticals, Inc.
Rochester Regional Health
The Strong National Museum of Play
Tesla, Inc.
The Walt Disney Company
Vaccinex Inc.
Wayfair
Wegmans Food Markets, Inc.

Bend the way you think about RIT

Extraordinary Majors

You may know us for our world-class engineering, computing, and technology programs. But there's so much more. Nationally ranked art and design majors. More courses in the humanities and social sciences than most liberal arts colleges. Business programs that encourage entrepreneurial thinking and innovation. And a rich history of unique academic combinations specifically designed to respond to an ever-evolving marketplace.

rit.edu/amazing

Art and Design

3D Digital Design
3D design includes everything from computer graphics for gaming, virtual worlds, augmented reality, medical and scientific simulations, data visualizations, motion and broadcast graphics, architectural and engineering modeling, instructional multimedia, museum exhibits, and more.

Digital Humanities and Social Sciences
(see Game Design and Development)

Graphic Design
In this creative, innovative graphic design degree, you'll integrate design principles, methods, concepts, images, words, and ideas to convey distinct, visually compelling messages to a range of audiences.

Illustration
An illustration degree that mixes traditional drawing skills, the latest digital imaging technologies, and sculpted dimensional methods for effective visual communication.

Industrial Design
From athletic wear to stereo systems and medical devices, create and develop products for both consumers and manufacturers.

Interior Design
The interior design degree establishes you as an expert in creating human-centered environments and understanding the relationship between people and their physical surroundings.

Media Arts and Technology
(see Communications and Digital Media)

Medical Illustration
A medical illustration degree that combines art and science to create anatomical and surgical sketches for instructional illustrations, courtroom exhibitions, computer graphics, and more—all to aid the understanding of medical and health conditions.

New Media Design
At the intersection of visual communication, design strategy, and user experience design, this new media design degree produces innovative creators of next-gen digital media.

Studio Arts
Acquire the conceptual and technical skills to succeed as a creative professional in ceramics, expanded forms, furniture design, glass, metals and jewelry design, printmaking, painting, or sculpture.

Business, Management, and Leadership

Accounting
Determine an organization's wealth, profitability, and liquidity as you guide short- and long-term financial business decisions.

Dietetics and Nutrition
(see Health Professions and Medical Sciences)

Economics
Combine math and statistics to research, collect, and analyze information, monitor economic trends, and develop forecasts to guide industries in making critical decisions.

Finance
A finance degree involves the management, creation, and study of money, banking, investments, assets, and liabilities.

Hospitality and Tourism Management
Management and hospitality combine with technology, computing, and data analytics to improve the guest experience and reshape the tourism industry.

International Business
Understand the financial, political, cultural, and economic environments to influence an organization's business strategy and performance in a globally connected world.

Management
The many facets of management—from motivating employees to effective communication to leading teams—form the essential skills that define an effective leader.

Management Information Systems
Combine computing security, database design, networking, and IT to create dynamic comprehensive information systems.

Marketing
Explore the complete business-consumer relationship, from internet marketing, social media, and professional selling to brand awareness, international marketing, and the impact of consumer behavior.

Supply Chain Management
Manage the flow of goods and services around the world by understanding the logistics, planning, inventory demands, transportation, and execution behind moving products from farms and production facilities to their final destinations in warehouses and stores.

Communications and Digital Media

Advertising and Public Relations
Analyze audiences and craft persuasive messages for a variety of traditional and emerging media platforms, including websites, social media, news sites, blogs, video and photography sites, and more.

ASL–English Interpretation
Seamlessly facilitate communication and interaction between deaf, hard-of-hearing, and hearing people in educational, medical, and community settings.

Communication
Develop the key skills you need to become a successful communication professional.

Digital Humanities and Social Sciences
Pair a traditional liberal arts education with study in digital technology, human-computer interaction, database management, geographic information technologies, and interactivity in new media.

Graphic Design
(see Art and Design)

Journalism
Gather, critically analyze, and synthesize verbal and visual information to communicate accurate and clear news stories across traditional and digital media platforms.

Media Arts and Technology
Today's graphic communication professionals serve the robust marketing communications, publishing, and packaging graphics industries by creating and producing integrated media across a range of platforms.

New Media Design
(see Art and Design)

New Media Interactive Development
(see Computing and Information Technologies)

Computing and Information Sciences

3D Digital Design
3D digital design includes everything from computer graphics for gaming, virtual worlds, augmented reality, medical and scientific simulations, data visualizations, motion and broadcast graphics, architectural and engineering modeling, instructional multimedia, museum exhibits, and more.

Bioinformatics and Computational Biology
(see Health Professions and Medical Sciences)

Computer Engineering
(see Engineering and Engineering Technology)

Computer Engineering Technology
(see Engineering and Engineering Technology)

Computing and Information Technologies
An information technology degree where you'll implement complex computing systems and become well versed in their management.

Computational Mathematics
Use mathematical models to identify and solve problems in business, science, engineering, and more.

Computer Science
Specialize in areas such as artificial intelligence, computer graphics, computer theory, networking, security, robotics, parallel computation, data mining, computer architecture, or systems software.

Computing Security
Preserve information assets, identify computer security vulnerabilities, and understand the forensics needed to prove an attack occurred, from identifying its origin and assessing the extent of the damage to designing strategies that ensure data recovery.

Digital Humanities and Social Sciences
(see Game Design and Development)

Game Design and Development
Aspire to a career within the professional games industry or a related field such as simulation, edutainment, or visualization.

Human-Centered Computing
With its roots in computing, psychology, and design, this human computer interaction degree examines how people use technology and the ways in which computing systems can be more intuitive.

Imaging Science
(see Science and Math)

Management Information Systems
(see Business and Management)

Media Arts and Technology
(see Communications and Digital Media)

New Media Design
(see Art and Design)

New Media Interactive Development
New media are ever-changing forms of digital communication that engage, immerse, and (often) entertain users, from social networks to wearable computing and more.

Software Engineering
A software development degree that encompasses technical issues affecting software architecture, design, and implementation as well as process issues that address project management, planning, quality assurance, and product maintenance.

Web and Mobile Computing
Creating an impactful app begins with solid code, good design, and understanding user expectations.

Engineering and Engineering Technology

Biomedical Engineering
Combine engineering with biology and medicine to create innovation medical and health care solutions.

Chemical Engineering
Advance nano-scale composites, pharmaceuticals, plastics, fibers, metals, and ceramics; develop alternative energy systems, biomedical materials and therapies; and implement strategies that minimize the environmental impact of technological advancements.

Civil Engineering Technology
Gain the practical theory, knowledge, and skills necessary to solve complex challenges posed by society's growing infrastructure needs.

Computer Engineering
Design computer hardware, components, and software in order to develop next-generation products and appliances that contain embedded systems.

Computer Engineering Technology
Ensure that hardware and software work effectively together in medical diagnostic equipment, digital cameras, missile guidance systems, anti-lock braking systems, scanners, copiers, autonomous vehicles, routers, and smartphones.

Electrical Engineering
(Option in clean and renewable energy)
Synthesize science, mathematics, technology, and application-oriented designs into world-class consumer products, timely microprocessors, state-of-the-art computers, advanced electronic components, and much more.

Electrical Engineering Technology
Develop an in-depth understanding of electrical and electronics theory and its application, applied design, and implementation to electrical and electronic systems.

Industrial Engineering
Optimize, design, and manage the operational and manufacturing processes by which goods are made and distributed.

Manufacturing Engineering Technology
Explore advanced manufacturing technologies, including robotics, computer-aided design, microprocessor controls, computer-aided manufacturing, flexible manufacturing, assembly automation, and electronics manufacturing.

Mechanical Engineering
From rockets to robots, power plants to biomechanical parts, mechanical engineers put both energy and machines to work.

Mechanical Engineering Technology
Design, manufacture, and use technology to develop mechanical systems for high-performance automobiles, aerospace systems, bioengineered devices, energy technologies, and more.

Mechatronics Engineering Technology
With mechatronics engineering—the integration of electrical and mechanical systems that involve electronics, mechanical systems, computers, imaging and sensing, automation, and robotics—you'll drive the design and development of smart products.

Microelectronic Engineering
Integrate microelectronic or nanoelectronic circuits and sensors into a range of products that drive the global economy, increase productivity, and help improve our quality of life.

Packaging Science
Craft ways to package a range of products, from food and cosmetics to electronics and consumer products, for transportation, storage, and display.

Software Engineering
(see Computing and Information Sciences)

Environmental Studies and Sustainability

Civil Engineering Technology
(see Engineering and Engineering Technology)

Electrical Engineering
(Option in clean and renewable energy)
(see Engineering and Engineering Technology)

Environmental Science
Combine a love for nature with cutting-edge research to create a sustainable future for our planet.

Environmental Sustainability, Health and Safety
Become an environmental champion by helping industries produce goods and services that avoid environmental contamination, that use less water and precious resources, and that avoid subjecting workers to hazardous conditions and materials.

Mechanical Engineering
(Option in energy and environment)
Combine engineering with environmental studies to build energy systems, create alternative and renewable energies, and craft ways to direct energy conversion.

Packaging Science
Crafting ways to package a range of products, from food and cosmetics to electronics and consumer products, for transportation, storage, display, and presentation.

Game Design and Development

3D Digital Design
3D design includes everything from computer graphics for gaming, virtual worlds, augmented reality, medical and scientific simulations, data visualizations, motion and broadcast graphics, architectural and engineering modeling, instructional multimedia, museum exhibits, and more.

Digital Humanities and Social Sciences
Pair a traditional liberal arts education with study in digital technology, human-computer interaction, database management, geographic information technologies, and interactivity in new media.

Game Design and Development
Aspire to a career within the professional games industry or a related field such as simulation, edutainment, or visualization.

New Media Interactive Development
Adapt digital technologies for social software, wearable devices, touch interfaces, virtual/augmented reality, the internet, and more.

Web and Mobile Computing
Creating an impactful app begins with solid code and good design, but understanding user expectations is the cornerstone of that process.

Health Professions and Medical Sciences

Biochemistry
The biochemistry major focuses on the chemistry of living things to prepare you to address current challenges facing the chemical, pharmaceutical, agricultural, forensic, and biotechnological fields.

Bioinformatics and Computational Biology
Biology and computing combine to analyze big data collected by the health industry to discover, diagnose, and treat a wide range of health and medical conditions.

Biomedical Sciences
Develop an integrative understanding of the human body as the foundation for hands-on research experience, to pursue medical or dental school, or continue graduate study in a variety of health care fields or research positions in biomedical science.

Biotechnology and Molecular Bioscience
Harnesses tech advancements and biomolecular processes to research and develop technologies in genetics, agriculture, pharmaceuticals and vaccine development, environment and energy, forensic science, genetic counseling, and more to improve human health.

Diagnostic Medical Sonography (Ultrasound)
Examine and identify the body for abnormalities and diseases in real time using diagnostic skills that can be applied to a number of areas.

Dietetics and Nutrition
Work with people of all ages, cultures, and economic means to apply nutritional science to help clients address health, nutritional, and wellness needs.

Exercise Science
Scientifically address issues of health and fitness, help people recover from the unhealthy effects of a sedentary lifestyle, and focus on training athletes to extend and expand their performance.

Medical Illustration
(see Art and Design)

Nutritional Sciences
Combining nutrition, biology, chemistry, and behavioral health to design and administer health, nutritional, and wellness programs in industries and settings as diverse as athletics, hospitality, education, and federal nutrition programs.

Physician Assistant
Provide diagnostic and therapeutic patient care by eliciting medical histories, conducting physical examinations, diagnosing illnesses, determining treatment, providing medical advice, and much more.

Pre-Professional
(pre-med, pre-dental, pre-vet)
A personalized advising program offering guidance on preparing the strongest application possible to medical, dental, and veterinary schools.

Humanities and Social Sciences

Applied Modern Language and Culture
Increase your career options with a proficiency in a second language and its culture. Pair your study of Chinese, Japanese, or Spanish with a major in computing, information technology, engineering, business, the arts, or the sciences.

ASL–English Interpretation
(see Communications and Digital Media)

Criminal Justice
Explore the reasoning behind why laws were made, evaluate the intended and unintended consequences of these laws, and explore ways to change them for the better.

Digital Humanities and Social Sciences
(see Game Design and Development)

Economics
(see Business, Management, and Leadership)

International and Global Studies
Assess critical issues connected to our global community, including consumer capitalism, media culture, economic development and migration, gender and health, political conflict, sustainable futures, and democracy and civil society.

Museum Studies
Aid museums, archives, libraries, and other cultural institutions in implementing technology to manage, curate, digitize, conserve, and exhibit their collections, and make them available in interactive, engaging ways.

Philosophy
Evaluate complex problems, identify and examine underlying principles, investigate issues from diverse perspectives, and clearly communicate your point of view.

Political Science
Integrating the traditional fields of American government and international relations to create principled leaders and responsible citizens for careers in public service and the private sector.

Pre-Law
A pre-law advising program designed to maximize your admission to law school with personalized advising, LSAT preparation, academic counseling, and a time table for law school admission.

Pre-Med
A pre-med advising program designed to maximize your candidacy for admission to medical schools and graduate programs in health care professions.

Pre-Vet
A personalized pre-vet advising program designed to maximize your candidacy for admission to veterinary schools.

Psychology
The scientific study of the brain paired with a focus on observing, experimenting, and analyzing the mind to understand what drives human behavior.

Public Policy
A public policy degree that explores the intersection of public policy, technology, and our natural world by integrating science, technology, government, economics, and other social science fields with the analysis of policy.

Sociology and Anthropology
Immerse yourself in understanding global topics of critical importance, such as the economy, politics, society, gender and sexuality, ethnicity, urban studies, health, and culture.

Photography, Film, and Animation

Film and Animation
(Options in animation, production)
Focus on production, screenwriting, 2D animation, 3D animation, or stop motion animation, while exploring the artistic, technical, historical, and business aspects of the motion picture industry.

Imaging Science
(see Science and Math)

Motion Picture Science
Science and engineering combine with imaging technologies used in the motion picture industry to prepare students for exciting positions at roles at technology and entertainment powerhouses like Sony, Technicolor, and Dolby or technical post-production positions in digital color correction, sound design, visual effects, and more.

Photographic and Imaging Arts
Immerse yourself in the creativity and innovation of photography and imaging, with options in advertising photography, fine art photography, photojournalism, and visual media.

Photographic Sciences
Gain experience in a wide range of technical imaging and photography applications by combining your imaging studies with studies in information technology, computer science, optics, and biology for careers with imaging and camera companies, research centers, forensic laboratories, and government agencies.

Science and Math

Applied Mathematics
Study problems that can be mathematically analyzed and solved, including models for perfecting global positioning systems, analyzing cost-effectiveness in manufacturing processes, or improving digital encryption software.

Applied Statistics and Actuarial Science
Using calculus, statistics, algebra, and computer science, statisticians apply their knowledge of statistical methods—the collection, processing, and analysis of data and its interpretation—to a variety of areas, including biology, economics, medicine, public health, psychology, marketing, and sports.

Biochemistry
Study health sciences and chemistry to address the challenges present in the chemical, pharmaceutical, agricultural, forensic, and biotechnological fields.

Bioinformatics and Computational Biology
(see Health Professions and Medical Sciences)

Biology
Building on recent advances in the molecular, cellular, and ecological disciplines, modern biology offers a rich framework that can launch your career or propel you to graduate school.

Biomedical Engineering
(see Engineering and Engineering Technology)

Biomedical Sciences
(see Health Professions and Medical Sciences)

Biotechnology and Molecular Bioscience
(see Health Professions and Medical Sciences)

Chemistry
Search for and use new knowledge about chemicals to discover, develop, or improve synthetic fibers, paints, adhesives, drugs, cosmetics, electronic components, lubricants, and thousands of other products.

Computational Mathematics
An emphasis on using computers as tools to solve mathematically modeled physical problems in business, science, engineering, and more.

Imaging Science
Combining physics, math, computer science, and engineering to explore and develop cutting-edge imaging systems from satellite systems and portable eye trackers to medical imagers—anything involving recording, processing, displaying, or analyzing image data.

Physics
An in-depth understanding of the basic principles governing the structure and behavior of matter, the generation and transfer of energy, and the interactions of matter and energy all around us.

Individualized Study

Applied Arts and Sciences
Design a unique, multidisciplinary plan of study that combines several areas of academic interest to create a customized undergraduate program.

Accelerated Bachelor's / Master's Degrees

RIT offers dozens of combined bachelor's and master's degrees—all designed as accelerated pathways where you can earn two degrees in less time than it would normally take to complete bachelor's and master's separately.

Know what you want, but don't see it here?

Do you find yourself drawn to a collection of interests that doesn't fit neatly into a conventional academic program? Individualized study allows you to craft a customized academic program around your interests, your goals, your career aspirations.

Undecided?

That's OK, too.
We have a host of undeclared options to help you evaluate your interests and access your strengths to point you down a career path.

- Art Exploration
- Business Exploration
- Computing Exploration
- Design Exploration
- Engineering Exploration
- Engineering Technology Exploration
- Liberal Arts Exploration
- Photographic Arts and Sciences Exploration
- Science Exploration
- University Exploration

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Technology is driving unprecedented changes in the way we work.

Today's college grads need skills—analytical thinking, complex problem solving, creativity, resiliency, and flexibility—that can adapt to evolving career fields.

A global pandemic is altering everything we're used to.

It's time for a future focused on a New Economy.

In response to these rapid changes, RIT has created a new category of academic programs: New Economy Majors. This collection of degree programs is forward-thinking, future-forming, and focused on new high-growth industries. These areas of study promote the high-level skills that are in demand right now by today's evolving economy.

College grads need the right combination of skills to stay continuously relevant and have the flexibility, adaptability, and knowledge that allows them to flex in any direction their field requires. RIT's New Economy Majors help prepare you to excel in the multidisciplinary nature of the modern workplace.

- Applied Arts and Sciences (Individualized Study)
- Digital Humanities and Social Sciences
- Human-Centered Computing
- Imaging Science
- Microelectronic Engineering
- Motion Picture Science
- New Media Interactive Development
- Packaging Science
- Photographic Sciences
- Robotics and Manufacturing Engineering Technology
- Supply Chain Management

rit.edu/new-economy

Art and Design

3D Digital Design

Digital Humanities and Social Sciences

Graphic Design

Illustration

Industrial Design

Interior Design

Media Arts and Technology

Medical Illustration

New Media Design

Studio Arts
(options in ceramics, expanded forms, furniture design, glass, metals and jewelry design, printmaking, painting, sculpture)

Unleash your creativity. Realize your vision.

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Art and Design

RIT's art and design programs produce fearless professionals who know how to bring ideas to life. It's here where students who are seeking direct entry into dynamic careers in art, design, and technology can turn their passion for creative expression into an exciting profession. By combining creativity with innovation, you will learn to use art to push the boundaries of your imagination and employ design to drive development in the quest for solutions.

Uber Creative. Driven by Curiosity.

An art school immersed in a tech university? It's unusual. It's surprising. And it's uniquely RIT.

You'll find immersive art and design programs that allow you to express your creativity while you apply your artistic and tech skills in real-world experiences. You'll have access to specialized studios, open around the clock, that are ideally suited for capturing inspiration whenever it happens. And the wide range of equipment at your disposal is among the most complete and current of any university in the world.

Business, Management, and Leadership

- Accounting
- Dietetics and Nutrition
- Economics
- Finance
- Hospitality and Tourism Management
- International Business
- Management
- Management Information Systems
- Marketing
- Supply Chain Management

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Business, Management, and Leadership

Instant access to information, collecting and analyzing big data, using social media to build brand loyalty, and collaborating within a global economy have pushed companies to be creative and innovative to succeed. We offer programs that blend business and management with science, engineering, math, the arts, and design to foster team work, creativity, and strategic thinking so you can bring an idea from concept to market.

Why Study Business at RIT?

We're creating the technologies that improve production, enhance product design, transform hiring practices, expand markets across borders, and promote products to customers across the world. You'll study business in a dynamic, innovative environment where you'll learn how to leverage these technologies to build business opportunities, blaze new trails through entrepreneurship, and, ultimately, impact the bottom line.

Employers value the knowledge and professional experience that our students bring with them. RIT's established experiential learning programs, which include co-ops, internships, research, and study abroad, give you relevant experience to put on your resume before you even graduate.

Communications and Digital Media

Advertising and Public Relations

ASL–English Interpretation

Communication

Digital Humanities and Social Sciences

Graphic Design

Journalism

Media Arts and Technology

New Media Design

New Media Interactive Development

Standing out in the information age

Put your communication skills to work as a producer, production assistant, or on-air talent with RIT SportsZone. Our Emmy-winning multi-media production ensemble includes four productions–*SportsZone LIVE*, *SportsZone* Pregame, SportsZone All Access, and SportsZone In-House–all geared toward highlighting RIT athletics.

Communications and Digital Media

Information is the backbone of the digital age. As it continues to rapidly reshape the way we live, communicate, and do business, tremendous opportunity arises for savvy, digitally literate professionals. Industry seeks out graduates of RIT's communications and digital media programs because they have the skills, practical experience, and creativity to develop engaging strategies to advance their goals.

The Impact of Cutting-Edge Technology

The global reach, interactivity, and convergence of digital communications and other media create new opportunities and challenges for the fields of communication, advertising, journalism, and digital media. Increasing brand awareness in a global market, building and managing reputation across social media, deciphering fact from fiction and reporting accurate information, and communicating to a generation that is media-perceptive and design-savvy—these are the hurdles creative professionals need to soar over.

Connect and Communicate

Manage writers and designers for *Reporter,* RIT's student magazine. Become a producer or on-air reporter for RIT's SportsZone, an Emmy-winning sports show highlighting RIT athletics. Engage in annual public speaking contests, research symposiums, and more. A range of hands-on experience helps you create a polished portfolio that highlights your capabilities in communication, design, digital media, and more.

Computing and Information Sciences

3D Digital Design

Bioinformatics and Computational Biology

Computational Mathematics

Computer Engineering

Computer Engineering Technology

Computer Science

Computing and Information Technologies

Computing Security

Digital Humanities and Social Sciences

Game Design and Development

Human-Centered Computing

Imaging Science

Management Information Systems

Media Arts and Technology

New Media Design

New Media Interactive Development

Software Engineering

Web and Mobile Computing

rit.edu/amazing

Computing and Information Sciences

With an established history of innovation, multidisciplinary collaborations, experiential learning, and the uncanny ability to predict where the computing field is going next, computing at RIT is cultivating those who will advance technology in amazing ways.

Design. Build. Enable.

As a computing and information sciences student, you'll benefit from a hands-on approach to the design and integration of technology. You will learn to facilitate the many types of interactions that people have with computers every day and to develop custom solutions to the challenges that modern organizations face.

Do It All

Versatility is a valuable characteristic that you will take with you upon graduation. Not only will you have the know-how to implement complex systems, but you will also be well versed in management, communications, and facilitation, giving you the exact sort of aptitudinal dexterity that the marketplace finds attractive and expects from an RIT graduate.

Aquatic life inspires next wave of prosthetics

By taking inspiration from nature, engineering students replicated the muscle movements of a river trout to create a fully submersible robotic fish. Flexible muscles integrated with robotic technologies could be part of better functioning prosthetics for people with disabilities.

Engineering and Engineering Technology

To keep up with the rapid pace of today's technological advancement, the world counts on creative solutions from developers, implementers, and innovators. RIT is well-known for producing just the sort of capable engineers to meet that need. Thanks to an emphasis on career-focused curricula enhanced by cooperative education experience, graduates of our engineering and engineering technology programs are at the forefront of next-gen product and process development.

Solve Today's Pressing Challenges

Engineers are creative problem solvers. They analyze, create, refine, and transform. Some of the biggest problems facing the world today—our nation's deteriorating physical infrastructure, the need for alternative sources of energy, to reduce the ever-increasing stress on our environment, to provide a high quality of life for an aging population, and to develop technologies that are sustainable yet minimize their environmental footprint—are being tackled by engineers. Engineering at RIT is exciting, novel, and advanced. You'll study in labs that rival those in industry as you design the next hot product, refine a robotic and manufacturing process, implement AI to improve efficiencies, or create the next technological innovation.

Environmental Studies and Sustainability

Civil Engineering Technology

Electrical Engineering
(option in clean and renewable energy)

Environmental Science

Environmental Sustainability, Health and Safety

Mechanical Engineering
(option in energy and environment)

Packaging Science

At RIT, we walk the walk. Our commitment to the environment is personal, because we know our future, and that of our students, depends upon it. Visit rit.edu/sustainability to learn about all of the sustainable measures we take to ensure our university imposes as small a footprint as possible on the earth.

Environmental Studies and Sustainability

As a champion of the environment, RIT's programs in environmental studies and sustainability stress the need to balance the developmental needs of the present without compromising those of the future. A strong foundation in the sciences, safety, and the environment, along with team-building, communication, and management, means that you will be able to drive organizations toward the environmentally sustainable place our future depends on.

Sustainability Drives Innovation

Wherever and whenever possible, we infuse innovation and creativity into our pursuit of new technologies and behaviors. You'll see evidence of that in the classroom and all over campus.

You will learn the historical context, knowledge of global and regional environmental issues, and an awareness of potential solutions. The resulting high level of environmental literacy acts as a tremendous asset in many fields within the sciences, engineering, law, journalism, and public affairs. The stakes for present and future generations are high; this is a field for people committed to making a difference and effecting positive, necessary change.

Game Design and Development

3D Digital Design

Digital Humanities and Social Sciences

Film and Animation

Game Design and Development

Illustration

New Media Interactive Development

Web and Mobile Computing

Game Design and Development

At RIT, you are at the forefront of game creation. With world-class faculty and the most modern makerspace in the region–the MAGIC Center–you'll find yourself immersed in an imaginative, inventive environment where any gaming idea you have can become a reality.

Just Press Start

Our game design and development programs are nationally ranked. And with a portfolio of academic programs covering areas as diverse as digital media, digital design, game production, game engine programming, interactive entertainment, storytelling, character and plot development, animation, and more, you'll be empowered to explore the vibrant entertainment technology landscape. Whether you find yourself drawn to coding and programming or to story development and character design, you'll graduate ready for a dynamic career in the professional games industry or a related field, such as simulation, edutainment, or visualization.

Health Professions and Medical Sciences

- Biochemistry
- Bioinformatics and Computational Biology
- Biology
- Biomedical Sciences
- Biotechnology and Molecular Bioscience
- Diagnostic Medical Sonography (Ultrasound)
- Dietetics and Nutrition
- Exercise Science
- Medical Illustration
- Nutritional Sciences
- Physician Assistant
- Pre-Med
- Pre-Vet

rit.edu/amazing

Transforming the delivery of health care

29%
RIT students who go on to study in graduate programs in the medical, health, or scientific research fields.

Health Professions and Medical Sciences

Today's medical and health care professionals need to be proficient in their chosen field, committed to helping others, and driven to take on the unique challenges facing modern health care delivery. They must also be willing to challenge accepted truths, which will lead to scientific discoveries we can't yet imagine.

Make a Difference

By immersing yourself in comprehensive instruction, hands-on undergraduate research opportunities, and practical clinical and internship placements, you'll be prepared to make a positive impact in a range of health and medical fields. From patient care, the analysis of health care data, and the improvement of our health care system to medical research, genetic engineering, vaccine development, environmental biology, and more. You'll also be prepared to apply to medical schools and leading graduate programs in statistics, public health, mathematics, the biological sciences, and more. The opportunities are endless.

Direct Entry Opportunities

RIT students interested in medicine, pharmacy, and dentistry are able to gain provisional early acceptance to Lake Erie College of Osteopathic Medicine (LECOM), and in some cases, begin their studies at LECOM prior to completing their bachelor's degrees.

Humanities and Social Sciences

Applied Arts and Sciences

Applied Modern Language and Culture
(options in Chinese, Japanese, Spanish)

ASL–English Interpretation

Criminal Justice

Digital Humanities and Social Sciences

Economics

Human-Centered Computing

International and Global Studies

Museum Studies

Philosophy

Political Science

Pre-Law

Psychology

Public Policy

Sociology and Anthropology

Humanities and Social Sciences

At RIT, our liberal arts programs cultivate a rich dynamic in which innovation infuses our course work in the humanities and social sciences to raise your awareness of the connections between technology and our political, cultural, economic, and social world. You'll be prepared to take on the challenges of today's highly technical workplace, regardless of the field you pursue.

Technology-Infused Liberal Arts Programs

Independent thinkers tend to blaze their own trail. Here, we emphasize global education, student-centered research, and social justice. These themes prepare our students for the challenges they will face as informed professionals living in an evolving global society. You'll learn to think critically, communicate clearly, and be ideally positioned for a lifetime of learning. Whether you choose to approach your studies from a psychological, economic, philosophical, or literary perspective, your study in the liberal arts will reveal the reasons why we, as a global community, think, behave, and live the way we do. RIT gives you the opportunity to examine culture from multiple viewpoints—including undergraduate research, cooperative education, study abroad, and more—as you address the social, political, and economic issues that challenge our society.

Photography, Film, and Animation

Film and Animation
(options in animation, production)

Imaging Science

Motion Picture Science

Photographic and Imaging Arts
(options in advertising photography, fine art photography, photojournalism, visual media)

Photographic Sciences

Photography, Film, and Animation

There are as many ways to tell a story as there are stories to tell. RIT's programs in photography, film, and animation explore the ideal combination of traditional and emerging methods and technologies designed to help you bring your vision to life. Fire up your imagination and let the ideas flow. The creative possibilities are endless.

Choose Your Story

It's astounding how many ways an image can be used. It allows us to inform, explore, and shape our reality. And if you aren't interested in this reality, you can always create your own. You can study the science of photography or the photography of science. You can shoot a tale or animate an adventure. Bring a narrative to life incrementally using stop motion animation or capture a special moment in time for posterity.

Equipment and Expertise

Benefit from collaboration with students of other disciplines as you use the latest state-of-the-art equipment. Shoot in modern labs, studio space, and on stages. Learn from faculty with the professional, technical, and creative know-how to help you realize your ideas, achieve your goals, and embark on a captivating career.

Science and Math

- Applied Mathematics
- Applied Statistics and Actuarial Science
- Biochemistry
- Bioinformatics and Computational Biology
- Biology
- Biomedical Engineering
- Biomedical Sciences
- Biotechnology and Molecular Bioscience
- Chemistry
- Computational Mathematics
- Diagnostic Medical Sonograhy (Ultrasound)
- Imaging Science
- Photographic Sciences
- Motion Picture Science
- Physician Assistant
- Physics
- Pre-Med
- Pre-Vet

29

Goldwater Scholars

The Barry M. Goldwater Scholarship is the premier undergraduate award honoring outstanding student research in the fields of mathematics, the natural sciences, and engineering. Since 2005, 29 RIT students have been awarded this prestigious distinction.

Career-oriented, laboratory-intensive, and future-focused

Science and Math

At once foundational, contemporary, and forward-thinking, the mathematics and physical sciences at RIT blend a passion for research, the practical application of theory, and the active pursuit of new breakthroughs to create a potent mix.

A Formula for Progress

How do you quantify potential? It's what you do. The level at which you operate. Your dedication to discovery. Students in math and physical sciences are adept at applying theory to practice and are driven by the desire to see the results. Whether it's in a lab or on a laptop, you'll arrive at solutions that will expand your sense of what is possible.

Adding It All Up

Benefit from immersive, hands-on undergraduate research opportunities and state-of-the-art research and lab facilities. Gain experience in your field through cooperative education opportunities. Our programs are a pipeline to graduate study or an immediate gateway to a career. Rise to the challenge in an environment that is as competitive as it is collaborative.

Individualized Study

Mission-driven and curious. High achievers with even higher aspirations. Students with these kinds of attributes are drawn to a collection of interests that don't fit neatly into one major. RIT's School of Individualized Study lets you explore our portfolio of programs so you can combine interests, and ultimately create a program of study tailored to your ambitions.

With a rich academic portfolio that includes more than 100 undergraduate programs, more than 160 minors and immersions, and numerous program options and concentrations, you can blend a range of course work to create a program of study that will help you accomplish your professional aspirations. And you'll do all of this with a team of advisors who continuously provides guidance and support.

Individualized Study

Applied Arts and Sciences

University Exploration

Computing, biology, communication, psychology, photography, engineering, physics, public policy, hospitality, exercise science, the arts. There are so many choices, and so many paths your future can take. Through advising, coaching, career assessment, and course sampling, you can make an informed, educated decision when choosing an RIT major.

Choosing a program of study is a big decision. It becomes more challenging when you have diverse interests that span more than one subject area. University Exploration is our broadest and most flexible undeclared option. It allows you up to a year to explore all of RIT's majors as you work with advisors and career coaches to focus your academic and career interests. As a University Exploration student, you'll be assigned an experienced advisor who will help you through the process of identifying a program of study that bests meets your career aspirations. In addition to helping you select courses, your advisor provides encouragement, advice, and guidance throughout the entire process.

Opportunities for Deaf and Hard-of-Hearing Students

Bachelor's Degree Programs
Enroll in one of RIT's 90+ bachelor's degree programs.

Pre-Baccalaureate Studies
Available for students accepted by NTID who are close to, but not fully ready for, direct entry into a baccalaureate-level program.

Associate + Bachelor's Degree Programs
Earn an associate degree through NTID as you prepare to enroll in a bachelor's degree program in one of RIT's eight other colleges.

Career-Focused Associate Degree Programs
Get the skills and education you need to be career ready.

Career Exploration Programs
Experience intensive career exploration while you develop a better understanding of yourself through career and personal counseling and the sampling of various majors.

Inclusive, empowered, and driven to succeed

1,000
The number of deaf or hard-of-hearing students who take advantage of the benefits of an RIT/NTID education.

Unmatched Opportunities for Deaf and Hard-of-Hearing Students

Opportunities for deaf and hard-of-hearing students at RIT are unmatched by any university in the world. As the home to the National Technical Institute for the Deaf (NTID), RIT offers a wide array of future-focused academic programs and incredible access and support services for deaf and hard-of-hearing students.

Extraordinary Support and Access Services

The Department of Access Services provides interpreting, notetaking, and real-time captioning services to the RIT community. Access services enable more than 650 deaf and hard-of-hearing RIT students to register and fully participate in roughly 23,000 credit hours annually in more than 200 highly competitive academic programs. Deaf, hard-of-hearing, and hearing students alike use access services to communicate with each other in a variety of extracurricular activities associated with student clubs and organizations, entertainment and sports events, and RIT programs and services.

RIT hosts two campus-wide career fairs annually that attract more than 250 hiring organizations.

$105M
Earned by students on co-op last year

91%
RIT undergraduate programs have an optional or required co-op component

94%
Employers said they would hire their co-op student for a full-time position

4,500
Students participating in co-op each year

3,400
Hiring organizations

Experience. It sets you apart.

A kind of magic occurs when you get a chance to apply your knowledge and skills outside of the classroom, in full view of the professionals who will soon become your colleagues. Those "I can do this" moments thrill, validate, and inspire. Experiential learning, whether it's an internship, a study-abroad experience, or undergraduate research, has long been a hallmark of the RIT experience for these exact reasons.

What is Co-op?

There's a reason RIT is ranked 11th among top schools for co-op and internship programs by *U.S. News & World Report* (2021). Our cooperative education program is designed to provide you with career experience—early and often. You'll amass hands-on experience working in a variety of settings, from large Fortune 500 companies and industry leaders, to small startups and world-class not-for-profits.

More Opportunities to Grow

In addition to co-op, you can engage in internships, undergraduate research, study abroad, service learning, and more, all designed for you to gain leadership skills, global awareness, professionalism, and marketable skills that set your resume apart.

Work Hard, Play Harder.

At RIT, your learning extends outside the classroom, to spaces specifically designed for you to develop, create, innovate, tinker, test, explore, analyze, and untangle. With the latest equipment, software, studios, labs, and conveniences, you'll have the tools you need to take your idea from concept to creation. Here are just a few hotbeds where creativity and innovation come alive.

Simone Center for Innovation and Entrepreneurship

A leading student incubator, the Simone Center enhances innovation and entrepreneurship across RIT by giving students access to events, competitions, mentors, business coaches, grants and funding, courses conferences, workshops, and a suite of resources–all to help advance and realize students' own business ideas and projects. The center also promotes innovation and entrepreneurship education and activity throughout the RIT community.

Global Cybersecurity Institute

As a leader at the forefront of cybersecurity for more than a decade, RIT launched the Global Cybersecurity Institute in fall 2020. By bringing together RIT's world-renowned leaders in computing and cybersecurity, the Global Cybersecurity Institute serves as a hub for understanding and addressing real-world challenges in cybersecurity, and for preparing the next generation of cybersecurity experts.

MAGIC Spell Studios

RIT's continued growth in digital media, game design and development, and film and animation is showcased in the new MAGIC Spell Studios, a 52,000-square-foot learning laboratory. The first of its kind in the Northeast, this collaborative sandbox houses a massive sound stage, 180-seat movie theater, audio mixing and color correction studios, game design and media development labs, and unique spaces for 2D and 3D animation and augmented and virtual reality.

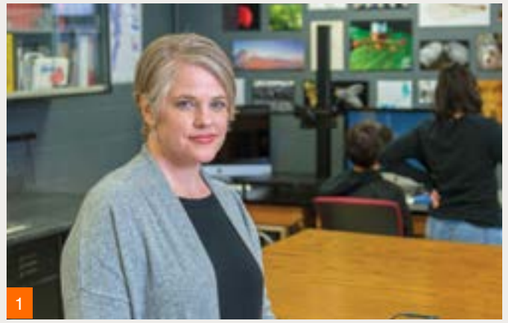
The Construct

This 2,000-square-foot makerspace is open to all students to design, build, and realize new technologies. From printing 3D parts for robots to manipulating laser cutters to creating decorative lampshades to building working prototypes for inventions and class projects, this communal space allows students access to high- and low-tech equipment, including CNC milling machines, router tables, drills, saws, soldering irons, electronic circuitry, and woodworking and metal working supplies.

Faculty

It's not their passion for teaching that sets RIT faculty apart. It's their commitment to motivate, inspire, and engage. Our faculty are not only hands-on educators, they are leaders in research and experts in their fields of study. They share their collective knowledge, encourage research collaboration with their students, and drive innovation and the exploration of new knowledge. They know they're on to something, and they want you to be in on the breakthroughs.

Here is just a sampling of our outstanding faculty and their contributions to teaching and discovery.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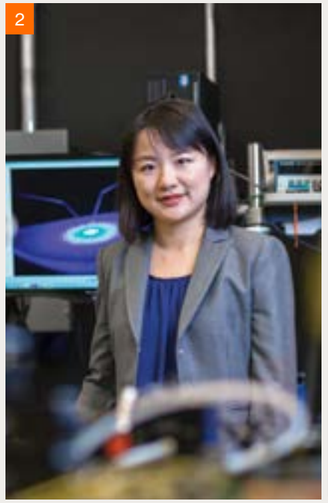
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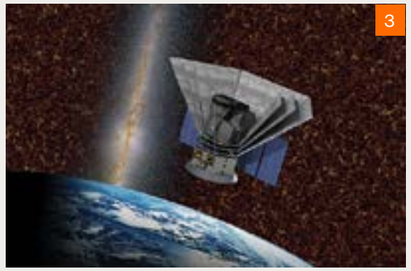
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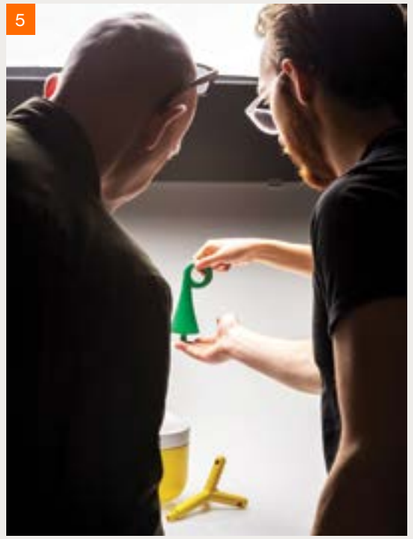
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1 Determining fact from fiction in media images

A group of world-class researchers led by Christye Sisson (professor and director, photographic sciences program) is studying imagery in today's digital culture by developing an algorithm-based platform that can detect image manipulation. Their goal is to automate the detection of image manipulations, provide detailed information about how these manipulations were performed, and determine the overall integrity of visual media.

2 Discovering the unrealized potential of UV light

Jing Zhang (assistant professor, electrical engineering) and her research group are researching a fairly unrealized range of the UV light spectrum that has the potential to be as efficient as near-UV and blue used in current LED lights to create optoelectronic devices that are more efficient. Increasing the efficiencies could have important applications in nanomanufacturing, 3D printing, water/air purification, energy management systems, and a variety of sensing applications.

3 Exploring the origins of the universe

Michael Zemcov (assistant professor, physics) is a co-investigator of NASA's Spectro-Photometer for the History of the Universe, Epoch of Reionization, and Ices Explorer (SPHEREx) mission. SPHEREx will map galaxies across much of the universe, gain new insights into the origin and history of galaxy formation, and answer questions about the amount and evolution of key biogenic molecules such as water and carbon monoxide throughout all phases of star and planetary formation.

4 Research helps river otters survive in the wild

Research conducted by Caroline DeLong (associate professor, psychology) has determined that North American river otters can visually discriminate between two-dimensional objects and detect differences in shapes and colors. This significant finding means otters can detect both predators and prey, leading to knowledge that impacts preservation efforts. The research will also impact the care river otters receive at zoos, as otters thrive in habitats that are both enriching and visually engaging.

5 Metaproject commercializes student product designs

Metaproject, the brainchild of Josh Owen (professor and chair, industrial design department), creates a bridge between RIT's Vignelli Center for Design Studies and the industrial design program. It teaches fundamental design lessons and creates a platform for students to collaborate with design-centric industry partners of the highest caliber. Numerous student designs have become bestsellers for the project's industrial partners including Blockitecture (toy building blocks for Areaware) and Sticky Memo Ball (a 12-sided stickynote ball for The Container Store).

Deadlines

2020
11/1

Early Decision I
Notification:
mid-December

2021
1/1

Early Decision II
Notification:
mid-January

2021
1/15

Regular Decision
Notification:
mid-March

rit.edu/admissions
rit.edu/visitRIT

Admissions

Admission to RIT is competitive, but our admission process is a personal one. We are interested in learning about your interests, abilities, and goals in order to provide the best information and guidance we can as you select the major that is right for you.

Admission Factors

Factors considered in our admission decisions include, but are not limited to, past academic performance (particularly in required academic subjects), admission test scores, competitiveness of high school, and academic major selected. Recommendations from those familiar with your academic performance and interviews with an admissions counselor are often influential.

Visit **rit.edu/admissions** for more information on deadlines; financial aid and scholarships; admissions requirements; portfolio requirements for programs in art, design, film, and photography; and more.

Visit RIT

See for yourself what makes RIT special. Schedule a campus tour, attend an information session, meet with faculty in an academic department, or participate in a personal interview with an admissions counselor.

So, what's next?

What you've seen only scratches the surface. Head online to **rit.edu/visitRIT** to take a deeper dive into our academic programs, our vivid campus life, our outstanding community, and our brilliant faculty.

Take a look at everything that RIT has to offer.

Explore, learn, engage, and plan a visit to absorb it all in person.

No. 2, March 2020
RIT (USPS-676-870) is published 17 times annually by Rochester Institute of Technology, One Lomb Memorial Drive, Rochester, N.Y. 14623-5603, twice in March, three times in April, once in May, four times in June, six times in August, and once in November. Periodicals postage paid at Rochester, N.Y. 14623-5603 and additional mailing offices. Postmaster: Send address changes to RIT, Rochester Institute of Technology, One Lomb Memorial Drive, Rochester, N.Y. 14623-5603.

RIT's color may be orange, but we're always thinking green.
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57.5M-P2701-1/21-RRD-ATB

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