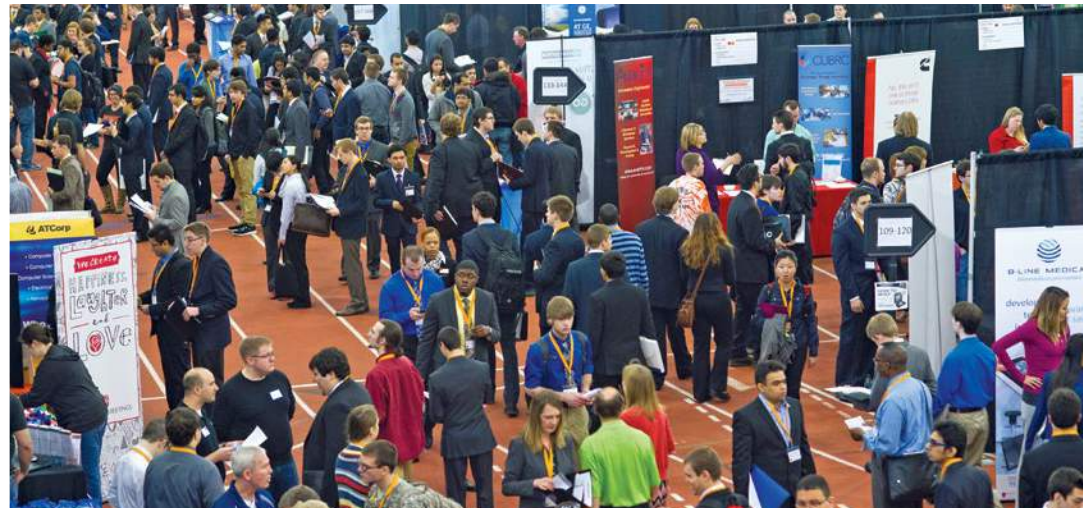


# R·I·T



**CO-OP AND  
EXPERIENTIAL LEARNING**  
EXPERIENCE MATTERS

# Co-op and Internship Overview

College/Academic Unit/Major	Program Length in Years	Months of Co-op/ Internship Required in Degree Program	Approximate Number of Students Per Year	Average Weekly Co-op Earnings*
<b>College of Art and Design</b>				
School of Art, School for American Crafts, School of Design, School of Film and Animation, School of Photographic Arts and Sciences	4	Co-op/internship optional	140	\$715
Photographic Sciences (Biomedical Photographic Communications, Imaging and Photographic Technology options)	4	1 term co-op or internship required		
<b>Saunders College of Business</b>				
Accounting, Finance, International Business, Management, Management Information Systems, Marketing, New Media Marketing, Supply Chain Management	4	3 to 4	340	\$595
Hospitality and Tourism Management	4	4	40	\$480
<b>B. Thomas Golisano College of Computing and Information Sciences</b>				
Computing and Information Technologies , Computing Security, Game Design and Development, Human-Centered Computing, New Media Interactive Development, Web and Mobile Computing	4	6	1,330	\$890
Computer Science, Software Engineering	5	11		
<b>Kate Gleason College of Engineering</b>				
Biomedical Engineering, Chemical Engineering, Computer Engineering, Electrical Engineering (all options), Industrial Engineering (all options), Mechanical Engineering (all options), Microelectronic Engineering	5	12	1,495	\$770
<b>College of Engineering Technology</b>				
School of Engineering Technology	5	12	820	\$730
Environmental Sustainability, Health, and Safety	5	12		
Packaging Science	4	6	33	\$600
Media Arts and Technology	4	6		
<b>College of Health Sciences and Technology</b>				
Biomedical Sciences, Exercise Science	4	Co-op/internship optional	9	\$486
Diagnostic Medical Sonography (Ultrasound)	4	Clinical internship required; students earn academic credit	N/A	N/A
Dietetics and Nutrition	4	9	34	\$466
Physician Assistant (BS/MS)	5	Clinical rotation required; students earn academic credit	N/A	N/A
Nutritional Sciences	4	6	New program; Insufficient data	
<b>College of Liberal Arts</b>				
Advertising and Public Relations, Communication, Journalism	4	3	100	\$500
Applied Modern Language and Culture	4	1 term co-op abroad or study abroad or co-op with international company required		
Criminal Justice, Digital Humanities and Social Sciences, Economics, Philosophy, Political Science	4	Co-op/internship optional		
International and Global Studies, Public Policy, Sociology and Anthropology	4	1 term co-op or internship required		
Museum Studies	4	1 term internship required (unpaid)		
Psychology	4	3		
<b>College of Science</b>				
Applied Mathematics, Applied Statistics and Actuarial Science, Biochemistry, Biology, Biotechnology and Molecular Bioscience, Chemistry, Computational Mathematics, Environmental Science, Imaging Science, Physics	4 or 5	Co-op/internship optional. Students are encouraged to complete internships and undergraduate research projects.	70	\$1,050
Bioinformatics	4	3		

\*Average weekly co-op earnings for all students in the associated college who have participated in a paid co-op. For detailed information about co-op earnings at the program level as well as other information regarding co-op and internship requirements, visit [www.rit.edu/programoverviews](http://www.rit.edu/programoverviews). For more information about RIT career outcome rates and career trends, visit [joboutlook.rit.edu](http://joboutlook.rit.edu).

**“We strongly value the relationship we have cultivated and enjoyed for many years with RIT. The students and full-time hires we acquire from RIT programs are extremely competitive with other major academic institutions. In fact, RIT is most often our preferred recruitment source!”**

*Karen Shed, HR Manager, GM Rochester Operations*



**Elizabeth Bondi**

**Major:** Imaging Science

**Immersion:** Italian

**Activities:** Honors Program; Optical Society of America Rochester Section and RIT Student Chapter; National Society of Leadership and Success; RIT's Imaging Science & Technology Student Chapter; RIT Yoga Club

**Study Abroad:** Vercelli, Italy

Liz Bondi fell in love with imaging science and the multidisciplinary nature of the field. “I’ve been learning physics, calculus, computer science, engineering—imaging science combines all these wonderful areas. The applications are so cool,” she says. Bondi has focused her research on the restoration of ancient documents, which led her to Vercelli, Italy, where she spent two weeks at the Museo del Tesoro del Duomo restoring the “Vercelli Codex Evangeliorum Vercellensis,” a 4th century text of the first four books of the New Testament in Latin. Bondi assisted in processing multispectral images of the document. A 2015 Barry M. Goldwater Scholar, Bondi plans to attend graduate school to pursue a doctorate degree.

### Learning by Doing

At RIT, innovative academic programs, outstanding faculty, and first-rate classroom and laboratory facilities provide you with great educational experiences. But in today’s world that’s not enough. You need to be prepared for the real challenges and opportunities you will experience once you’ve graduated. Your total education must be comprehensive and relevant. It must be tested in real world settings and on real-world problems before you graduate.

RIT’s co-op and experiential learning programs do all that—and more.

RIT offers a full range of experiential learning opportunities. You may, for example...

- gain valuable work experience through internship and paid cooperative education assignments with corporations and organizations around the U.S. and abroad.
- join a team solving business problems through industry-sponsored, class-based projects including senior capstone design teams.
- study abroad at one of more than 100 universities in more than 30 countries or travel abroad through RIT-sponsored group or class trips.
- work on an interdisciplinary student team competing at the national or international level.
- work alongside a faculty member on an externally funded research project.
- work part-time on and off campus in assignments designed to complement your academic program.
- volunteer your time and experience

through our Community and Service Learning programs.

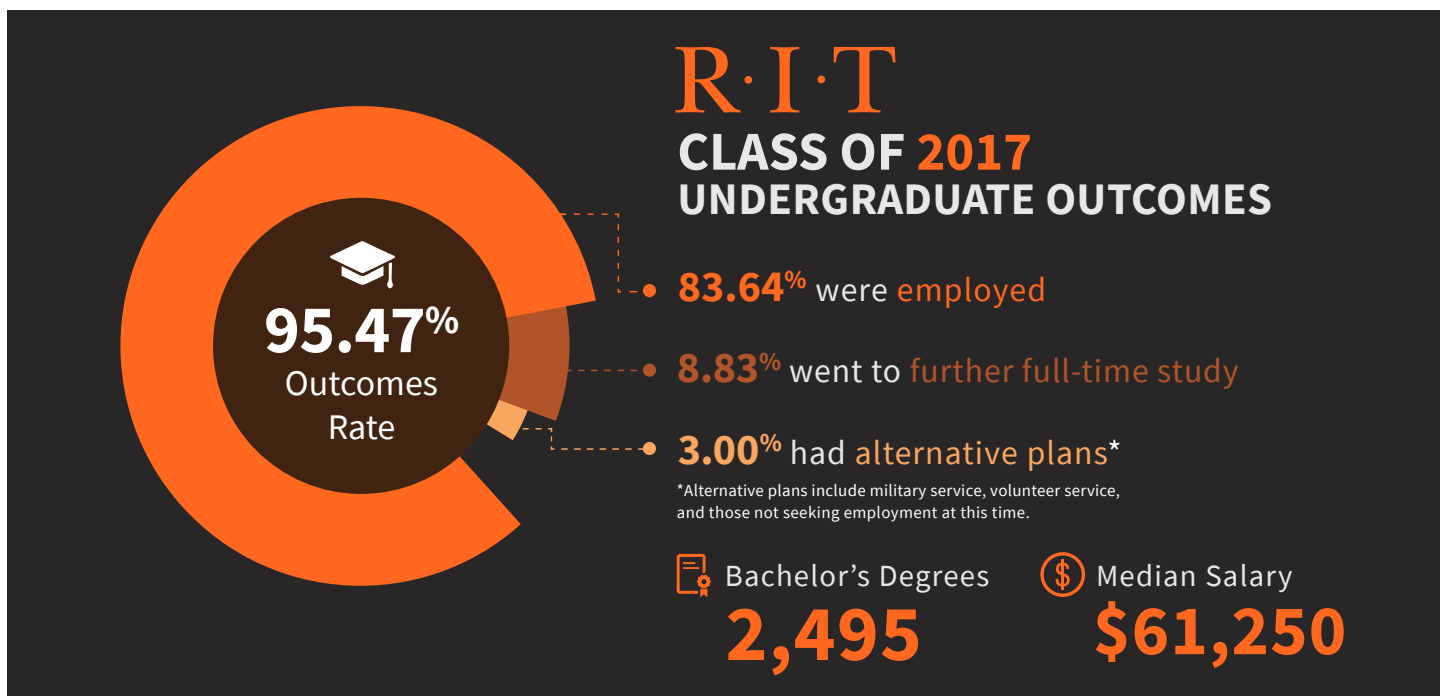
RIT is a world leader in experiential learning. Every academic program at RIT offers some form of experiential learning. These opportunities are specific to the educational goals of each program, reflective of what’s available in the real world, and sensitive to your needs and interests.

### The Bottom Line

Co-op and experiential learning offers you many advantages, but the bottom line is that employers and graduate schools prefer students with related experience. Ninety-two percent of co-op employers said they would hire their co-op student for a full-time position. Consistently, 95 percent of RIT’s graduating students are employed or enter graduate school within six months of graduation. Visit [joboutlook.rit.edu](http://joboutlook.rit.edu) for more information. Students who plan to attend graduate school have a competitive edge for admission and are desirable as a result of co-op and experiential learning experience.

### Cooperative Education

Cooperative education (co-op) is the most extensive and intensive of RIT’s experiential learning opportunities. Co-op is full-time, paid work experience directly related to your major and career aspirations. You will alternate periods of full-time study with periods of full-time employment. It’s the best way to immerse yourself in the real world and apply what you’re learning in the classroom. Some academic programs require co-op while others make it available on an optional basis.



Based on a knowledge rate of 90.4 percent—the percent of graduates for whom RIT has verifiable information.

RIT has the fourth-oldest and one of the largest cooperative education programs in the world, annually placing more than 4,500 students in more than 6,200 co-op assignments with more than 2,200 employing organizations. Last year those students generated more than \$45 million in earnings through their employment with industry, business, government, and the not-for-profit sector throughout the U.S. and in 40 foreign countries.

### Internships

As an alternative to co-op, many academic programs offer students career-related work experience through internships. Students in the medical science programs, for example, are required to complete a clinical internship that provides the experience necessary for professional licensing. Other academic programs—including, for example, public policy and international and global studies—offer internship opportunities in addition to co-op. While co-op assignments are full-time paid positions, internships may not pay a salary or require a full-time work schedule. In some instances, internship credit may be substituted for specific courses required in the academic major.

### Study Abroad

To prepare you for success in our global society, RIT offers exciting study abroad opportunities that expand your horizons. With over 400 programs in 50 countries, there is usually a study abroad program for students of every major. More than 400 students participate annually. RIT Global offers four types of study abroad programs. Gateway programs are RIT customized programs that are usually major-specific. Global Campus programs allow students to enroll directly in one of RIT's overseas campuses in Dubrovnik and Zagreb (Croatia), Dubai (United Arab Emirates), and Pristina (Kosovo). Faculty-led programs are generally major-specific and are designed and executed by an RIT faculty member. Affiliate programs run through RIT partner organizations.

### Undergraduate Research

At RIT, undergraduate research means you will conduct research assignments that your peers at other universities often don't see until graduate school. By providing undergraduates the opportunity to do genuine research work, students learn hands-on skills that become the foundation of scientific research, such as:

- Research project planning
- Project troubleshooting
- Real problem solving
- Research assessment

For more than two decades, the showcase for undergraduate research at RIT is the **Undergraduate Research Symposium**. Students from all RIT colleges may participate. The annual symposium includes speakers, presentations, and poster sessions.

### Office of Career Services and Cooperative Education

- Ranked by *The Princeton Review* in the Top 10 for career services, the office provides centralized one-stop career services for RIT students and alumni.
- Nearly 680 employers participate in career fair programs and nearly 350 participate in on-campus interviewing each year.
- More than 27,000 positions are posted through the office and nearly 6,000 on-campus interviews are conducted annually.
- More than 3,400 employers partner with the office to access more than 3,500 graduates and 4,500 co-op students each year.
- The office utilizes innovative technology to make its services and critical career-related content available to students and alumni at their convenience.



Linh "Rosalie" Phan

**Major:** Management Information Systems and Economics (double major)  
**Co-op Positions:** Technical Project Manager, Oracle; Advanced Analytics Intern, BlueCross BlueShield of Western New York; Information Technology Intern, Bendix Commercial Vehicle Systems  
**Study Abroad:** University of Westminster, London, England

It was RIT's co-op program that initially drew Linh "Rosalie" Phan to RIT. With a range of co-ops at a

variety of organizations, Phan has gained experience within a diverse set of corporate cultures. "Each co-op has been its own experience and each has had its own aspects, but it has been helpful to see that the exact same tools I am using in the classroom are the same ones I used on my co-ops," she said. Phan's co-ops were also pivotal in inspiring her to stretch professionally. "I learned on my co-ops to push myself beyond my comfort zone, to present my ideas, and be creative in my approach to projects."



Tianna Manon

**Majors:** Journalism and political science  
**Co-op Positions:** *The Hill* newspaper, *Democrat and Chronicle* newspaper  
**Activities:** Invited Speaker, "Future Leaders" panel at RIT's annual Expressions of King's Legacy celebration

When Tianna Manon worked at *The Hill* newspaper in Washington, D.C., as a student in the Institute on Political Journalism, she

covered congressional hearings and events, and contributed to feature stories covering news on Capitol Hill. Manon's favorite project was a lengthy feature on Congressman Rick Nolan (D-Minn.), who returned to the U.S. House of Representatives after spending more than 32 years working in domestic and international business and community affairs. "When it was done," says Manon, "Rep. Nolan had it framed and put in his office."

## Undergraduate Research Examples

RIT's undergraduate students are engaged in a wide variety of research experiences.

- Joan Bempong, an RIT/NTID student in the computer engineering BS/MS program, is helping to improve health knowledge and perceptions among deaf and hard-of-hearing female college students.
- Kayla Davis, a fourth-year software engineering major, is working on the Vulnerability History project, which is focused on discovering, distributing, and displaying the history of vulnerabilities in software, creating a way for researchers, students, and developers to analyze and learn about software vulnerabilities.
- Alexandra Harrison, a BS/MS major in computer engineering, is working on developing algorithms to predict cyber-attacks using non-conventional data from resources such as social media and the dark web.
- Garrett Parlo, a packaging science major, is part of a student team working on the reduction of food waste at grocery stores. The team

is studying the use of antimicrobial packaging and intelligent labels, or alerts to consumers and store personnel related to product rotation and quality control.

- Nathan Raw, a management information systems major, is a member of a team working on a data analysis project for Stupid Cancer, a nonprofit charity that addresses young adult cancer through advocacy, research, and support. The project analyzes demographic and behavioral data to provide a comprehensive model connecting treatment, side effects, and concerns of patients.
- Geoffrey Sasaki, a photographic sciences major, is working on a team that is contributing to the Media Forensics program. Funded by the Defense Advanced Research Projects Agency, the MediFor program develops technology for forensic analysts to automatically detect manipulated imagery and determine the method of alteration. Sasaki gathers ground-truth images and video data, and develops manipulated imagery for other teams on the project.

## A sampling of our employer partners that hire for co-ops, internships, and entry-level positions includes:

1st Playable Productions, LLC	IBM
Adobe	Intel
Ahold Delhaize	Intuit
Amazon	ITT Corp.
Anheuser-Busch	Johnson & Johnson
Apple Inc.	JPMorgan Chase
BAE Systems	Liberty Mutual
Bausch & Lomb	Lockheed Martin
Bendix	Microsoft
Boeing	MOOG
Bose Corp.	NASA
Carestream Health	Northrop Grumman
CIA	NSA
Cisco Meraki	Ortho-Clinical Diagnostics
Datto	Paychex
Deloitte	Philips North America
Dolby	Qualcomm
Dresser Rand	QuEST Global
Ernst & Young	SapientRazorfish
Fidelity Investments	SpaceX
Fisher-Price	Tesla Inc.
GE Aviation	Texas Instruments
General Electric	Thomson Reuters
Goodrich Corp.	Toyota
Google	Unilever
Harris Corp.	Walt Disney World
Hasbro	Wegmans Food Markets
The Hershey Company	Welch Allyn Inc.
Honda	Xerox Corp.

## A sample of the graduate schools attended by our recent alumni:

Boston University	Rochester Institute of Technology
Case Western Reserve University	Syracuse University
Cornell University	University at Buffalo
Duke University	University of California, San Diego
Georgia Institute of Technology	University of Maryland
Harvard University	University of Michigan
Johns Hopkins University	University of Notre Dame
New York University	University of Rochester
Ohio State	University of Virginia
Parsons School of Design	Virginia Tech
Purdue University	Yale University
RPI	
Penn State	

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RIT does not discriminate. RIT promotes and values diversity within its workforce and provides equal opportunity to all qualified individuals regardless of race, color, creed, age, marital status, sex, gender, religion, sexual orientation, gender identity, gender expression, national origin, veteran status, or disability.

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