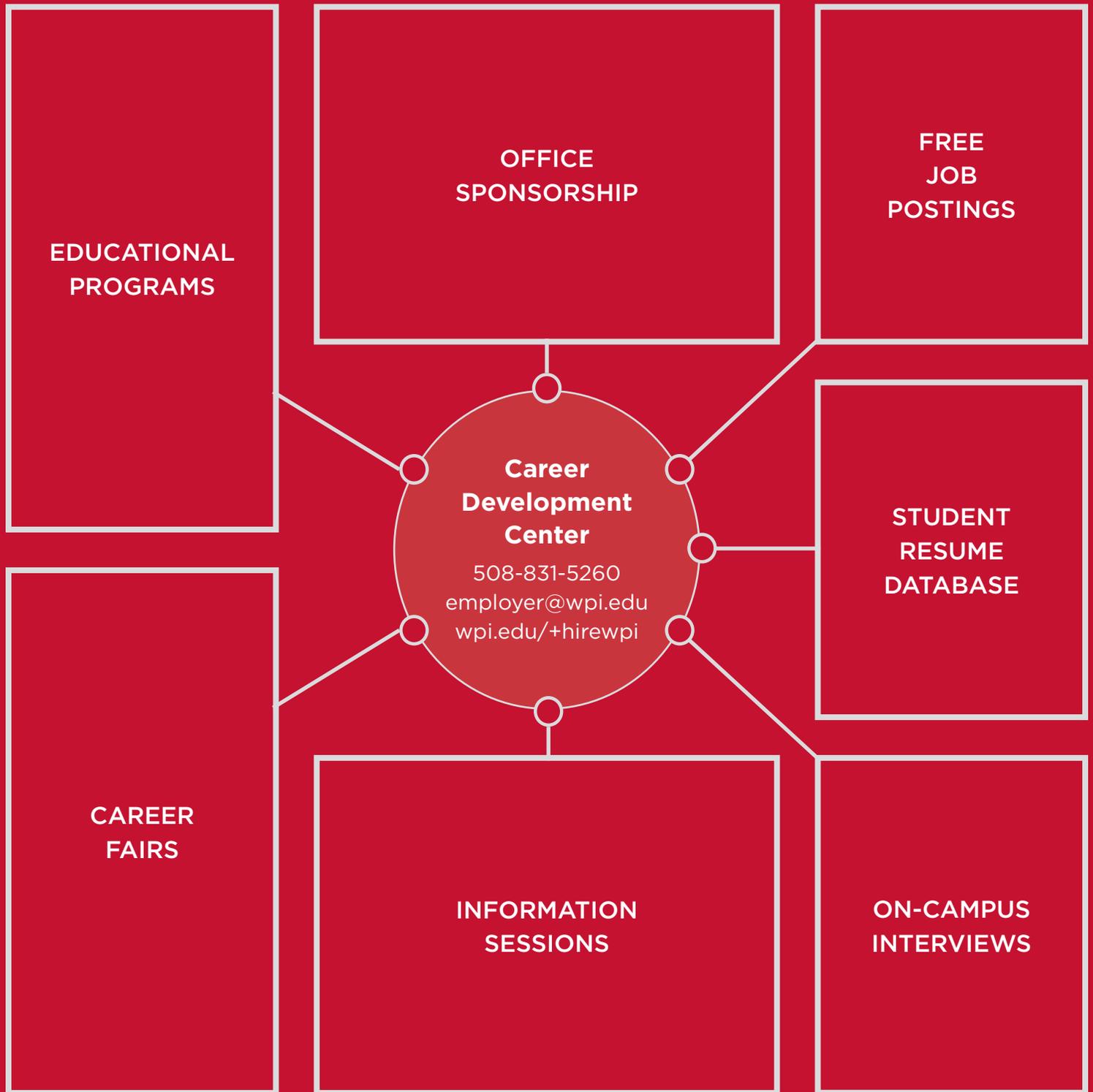


GREAT MINDS CONNECT

The WPI Career Development Center connects leading organizations with students and alumni through a variety of events and services. You may also engage with us through our social media channels below.



GREAT MINDS MULTIPLIED

Worcester Polytechnic Institute is one of the nation's premier technology-focused universities. Project-based learning is the core of WPI's curriculum. Students enhance their strong understanding of the fundamentals of their respective fields through hands-on, real-world project and research experiences. In the process, they master critical thinking, learn to work in teams, fine-tune written and oral communication skills, and connect their education to local and global issues.



“

I had an excellent time at the WPI Career Fair. I met a number of exceptional WPI students eager to discuss, in full-detail, their MQP work and other research activities. My company chooses to employ WPI students because WPI produces high caliber students who acclimate well into an industry environment.

”

—Brooke Czapkowski, Pfizer

WPI PROJECT-BASED LEARNING IMPROVES GRADUATES' ABILITIES TO:

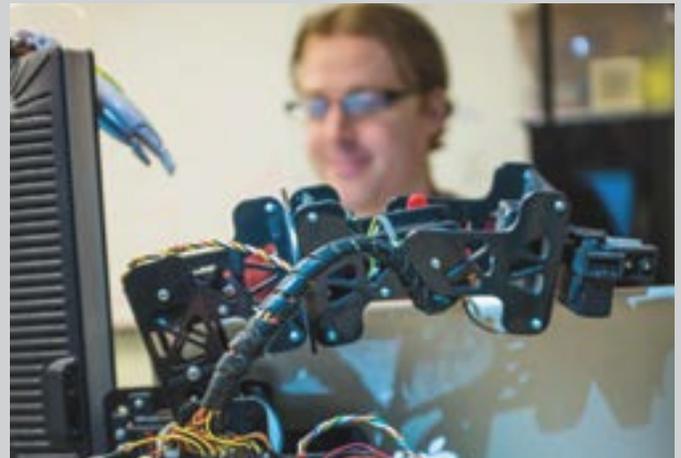
- develop ideas and solve problems
- speak and write clearly and effectively
- gain knowledge to inform future plans
- manage projects
- excel as both team players and leaders
- use current technology
- think globally and be culturally aware

SOURCE: WPI Alumni Survey, 2013

EMPLOYERS LOOK FOR NEW HIRES WITH THE ABILITY TO:

- make decisions and solve problems
- verbally communicate with people inside and outside the organization
- obtain and process information
- plan, organize, and prioritize work

SOURCE: National Association of Colleges and Employers Job Outlook 2014 Spring Update



GREAT MINDS AT THE READY

TOP MAJORS

Undergraduate Programs



Mechanical Engineering



Computer Science



Biomedical Engineering

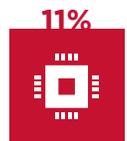


Chemical Engineering



Electrical & Computer Engineering

Graduate Programs



Electrical & Computer Engineering



Master of Business Administration



Systems Engineering



Robotics Engineering



Mechanical Engineering

STUDENT BODY



For detailed information on the WPI student body, see wpi.edu/+factbook.

DID YOU KNOW?

LEADERSHIP DEVELOPMENT

WPI students are well-rounded leaders and explorers who partake in more than 200 clubs, organizations, and professional associations.

Representative Professional Associations

-  **American Society for Mechanical Engineers**
-  **Biomedical Engineering Society**
-  **National Society of Black Engineers**
-  **Society of Hispanic Professional Engineers**
-  **Society of Women Engineers**
-  **Women in Computer Science**

Students are also involved in honor societies, athletic teams, community service clubs, fraternities and sororities, music and theatre groups, and more.

MAJORS AND PROGRAMS

WPI offers 64 majors and programs in engineering, science, social science, humanities and arts, and business.

Pioneering Interdisciplinary Programs

-  **Bioinformatics and Computational Biology**
-  **Cybersecurity**
-  **Data Science**
-  **Interactive Media & Game Development**
-  **Robotics Engineering**

For a full listing of departments and programs, see wpi.edu/+programs.

GREAT MINDS SOLVE PROBLEMS

Students solve real-world problems and perform meaningful research from their first days on campus. Undergraduates complete at least two substantive, term-long projects, focused on solving real-world problems. At the same time, graduate students are breaking ground on cutting-edge research in state-of-the-art campus laboratories and centers.



3 TIMES

GRADUATE STUDENT INNOVATIONS LICENSED AT **3 TIMES** THE RATE OF OTHER MAJOR RESEARCH UNIVERSITIES

40+

PROJECT CENTERS ON **SIX** CONTINENTS

>60%

OF STUDENTS COMPLETE A PROJECT OFF CAMPUS



INTERACTIVE QUALIFYING PROJECT (IQP)

Small teams of students from different majors address a specific problem for a sponsoring agency that connects science and technology with social issues and human need—oftentimes completed off campus at a global project center.

MAJOR QUALIFYING PROJECT (MQP)

Through this capstone research experience, students prove their ability to translate theory into practice in their major field. They define a problem, immerse themselves in understanding every aspect, and develop a novel solution. These projects are often sponsored by industry partners, including:

AbbVie, Inc
Amadeus North America
Amazon Robotics
BAE Systems
Barclays
Disney Interactive

Dyn
EMC Corporation
General Electric
iRobot Corporation
MIT Lincoln Laboratory
Saint Vincent Hospital

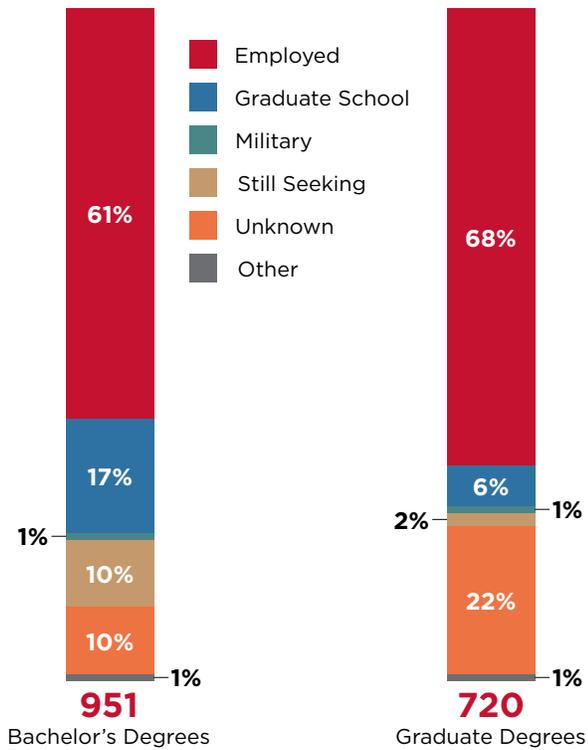


SUMMER INTERNSHIPS AND CO-OPS

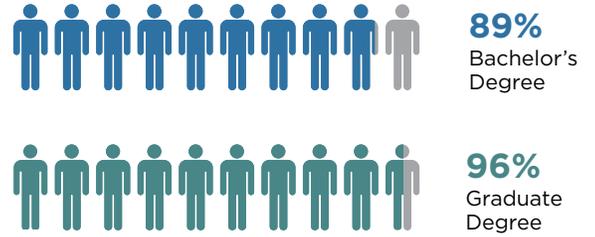
Each year hundreds of WPI students participate in internships and co-op positions to explore career options, gain real-world experiences, and earn income. Employers relish the opportunity to work with new talent while identifying best fits for future full-time hires.

GREAT MINDS SUCCEED

FIRST DESTINATIONS CLASS OF 2015



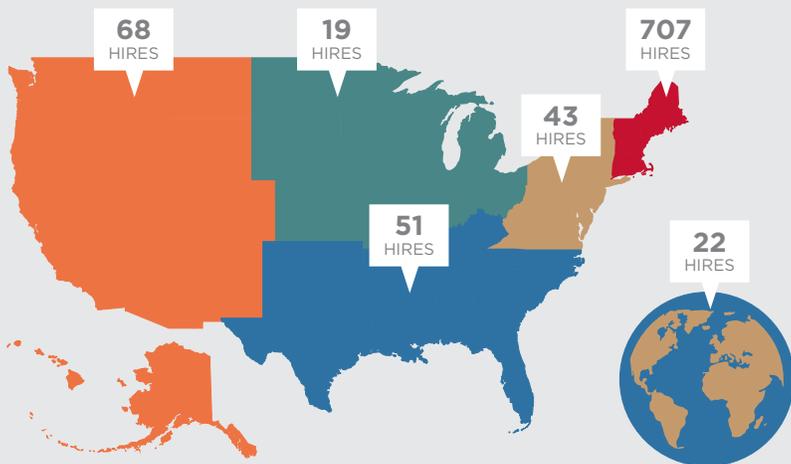
POST GRADUATION SUCCESS* CLASS OF 2015



For detailed statistics on the post-graduation outcomes of WPI students, visit wpi.edu/+gradreport.

***NOTE: Students obtaining employment, starting graduate school, or entering the military within six months of graduation (85% knowledge rate)**

GLOBAL IMPACT CLASS OF 2015

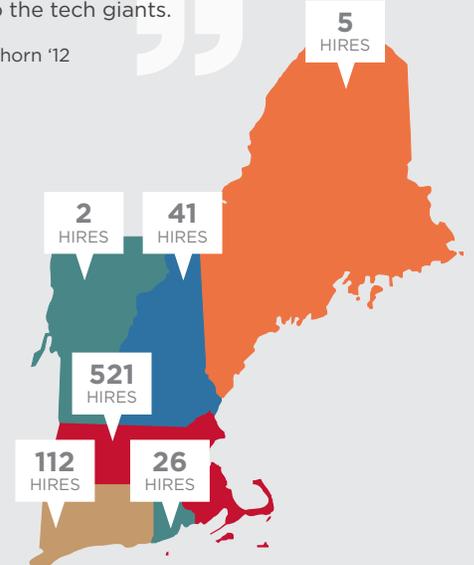


“

The west coast was appealing to me during my job search because of the wide range of opportunities available—from start-ups to the tech giants.

—Nathanael Thorn '12

”



WPI graduates are highly sought after by employers locally and around the globe. Many continue to make an impact and build local connections in New England, while others venture to communities throughout the world.

PARTNER WITH CAREER DEVELOPMENT CENTER

To find out more information on partnering with the WPI Career Development Center, including a complete list of the services we provide our employer partners, please visit us at wpi.edu/+hireWPI or contact a CDC staff member at employer@wpi.edu. Some of the activities designed to help enhance your recruiting strategy include:

JOB POSTINGS

Recruit WPI talent for full-time, part-time, internship, co-op, and research opportunities by posting positions on our online job posting and recruitment platform.

CAREER FAIRS

Participate in our annual Fall, Spring, and virtual Career Fairs.

HOST A CORPORATE INFORMATION SESSION OR INFORMATIONAL TABLE

Provide general information about your organization and the opportunities available or meet with candidates prior to an on-campus interview day. Tabling in our campus center to interact with a wide range of WPI talent can also be arranged.

ON-CAMPUS INTERVIEWS

On-campus interviewing utilizing the corporate interview suite at the Career Development Center is available throughout the academic year.

STUDENT RESUME DATABASE

View resumes of current students and recent alumni or search by major, class year, and keyword to find your best candidate pool. Annual subscriptions and complimentary access options are available.

RESUME CRITIQUES

Participate in one of our resume critique programs for students.

NETWORKING EVENTS

Spend an evening interacting with students, alumni, and other professionals to exchange information, share advice, and develop contacts.

MOCK INTERVIEWS

Serve as an interviewer and conduct practice interviews with students.

CAREER RELATED PRESENTATIONS AND PANELS

Participate in a panel or present on topics such as Interviewing Skills, How to Work a Career Fair, Summer Internship Job Search and others.

COMPANY TOURS

Corporate tours are a great way to introduce students to your organization. The Career Development Center will work with companies, faculty and student organizations to arrange a tour.

CDC STAFF CONSULTATION VISITS

Meet with a CDC staff member on-campus or on-site to discuss a partnership strategy for your organization.

MARKETING

Strategize with us to identify ways to advertise information about your organization. Sample options include being a sponsor of our office or placing an ad in our student newspaper *The Towers*.

SPONSOR AN ACADEMIC PROJECT

Work closely with WPI faculty and students on a Major Qualifying Project. To learn more, contact the Director of Corporate Relations at 508-831-5260.

OFFICE SPONSORSHIPS

For maximum visibility to WPI students, consider becoming one of our CDC corporate sponsors. To learn more, contact the Director of Corporate Relations at 508-831-5260.

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CORPORATE SPONSORED PROJECTS OVERVIEW

WPI's distinctive project-based approach transforms bright students into thoughtful, action-oriented problem solvers who hit the ground running. Sponsor a project to engage the fresh perspective and technical skills of a dedicated student team, guided by top-notch faculty, to tackle pressing business challenges. Partners from the private sector, governments, and non-profit organizations are integral partners in providing a real-world educational experience for WPI students.

Our record shows that research and ideas presented by WPI students translate into tangible solutions for project sponsors. You'll have access to WPI alumni and students who understand the fundamentals of their chosen fields, work effectively in teams, think creatively, and have the skills and confidence to dive right in.

FREQUENTLY ASKED QUESTIONS

What benefits do project sponsors receive?

Project sponsors gain solutions to problems through student work and faculty advising of the project. Additionally, sponsors gain a unique opportunity to screen future talent and build relationships with faculty advisors that benefit the organization over time. Faculty gain exposure to industry problems providing more valuable material for the curriculum and enabling a WPI education to become more effective. At the end of the project, the sponsoring organization receives a report (and sometimes analytics, designs/prototypes, etc) of the work completed.

What is required for a sponsored project to launch?

Sponsored projects require a project concept from the sponsoring organization and a commitment to mentor and support the students. In order to launch a project, WPI must have a faculty advisor and interested students willing to partner with the organization and complete the project. A formal agreement is required to establish the parameters of the partnership between the organization and WPI. Some projects become sequential and build on each other over time.

Does the sponsored project program have fees?

Yes, for each sponsored project there is a financial commitment. In providing support to the WPI Projects Program and the program objectives, sponsoring organizations provide a negotiated project fee. There may also be materials and travel related expenses depending on the project structure and needs. Sponsoring organizations interested in having a discussion about projects and fees may contact a member of the WPI Corporate Engagement team via this form:

<http://m.wpi.edu/corporations/request-info.html>

What type of project is appropriate to provide as a sponsor?

WPI strongly advocates for back-burner projects that will benefit an organization's work, but will not interfere with mission-critical work. By nature, projects are an academic exercise and students and faculty require flexibility to explore concepts and solve the problems presented. The initial project pitch from a company takes the form of an "abstract" with 1-2 paragraphs outlining the problem or project parameters.

The faculty and sponsor work together to scope the project and create benchmarks for the students with the work leading to a final presentation. Some sponsored projects are targeted for undergraduate experiences (Major Qualifying Projects/ MQP's) and some sponsored projects are targeted at graduate-level students (Graduate Qualifying Projects / GQP's). The WPI Sponsored Project Administration Team can work with organizations to find the best level and best academic programs available to address the sponsored proposal.

I potentially have sensitive information included as part of the project, how does WPI manage this?

The WPI Corporate Engagement Team is familiar with these concerns. We work with organizations to understand these sensitivities prior to the projects moving forward. When the project details are agreed to, WPI's Contract Administrator works with each sponsoring organization to prepare the necessary agreement and forms for each project. WPI's agreement contains provisions that address confidentiality, intellectual property and the publication/presentation of the project work.

Who can I contact about getting involved with sponsored projects?

If you are interested in a discussion regarding sponsored projects, please contact Sharon Deffely, Executive Director of Academic & Corporate Engagement (sdeffely@wpi.edu / 508-831-5635) and David Ortendahl, Director of Corporate Relations via email (dbo@wpi.edu / 508-831-5831).

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2015 ENROLLMENT AND SALARY STAT SHEET

UNDERGRADUATE

	TOTAL	CLASS OF 2016*	2015 AVG STARTING SALARY**
Actuarial Mathematics	56	19	\$57,250
Aerospace Engineering	187	47	\$62,001
Architectural Engineering	58	16	n/a
Biochemistry	82	30	\$49,833
Bioinformatics & Computational Biology	15	4	\$66,500
Biology/ Biotechnology	136	52	\$38,246
Biomedical Engineering	397	103	\$62,011
Chemical Engineering	356	104	\$63,913
Chemistry	40	10	\$40,000
Civil Engineering	173	53	\$54,626
Computer Science	476	116	\$82,183
Economic Science	2	0	n/a
Electrical & Computer Engineering	344	119	\$70,000
Engineering Physics	5	0	n/a
Environmental & Sustainability Studies	8	2	n/a
Environmental Engineering	78	22	\$51,500
Humanities and Arts	2	1	\$45,000
Industrial Engineering	83	26	\$66,375
Interactive Media & Game Development	104	38	\$62,955
International Studies	2	0	n/a
Liberal Arts & Engineering	1	0	n/a
Management	13	3	\$67,333
Management Engineering	71	25	\$59,800
Management Information Systems	28	15	\$59,500
Mathematical Sciences	73	22	\$68,000
Mechanical Engineering	761	246	\$61,963
Physics	57	21	n/a
Psychological Science	3	1	\$52,500
Robotics Engineering	281	79	\$82,714
Society, Technology & Policy	1	0	n/a
To Be Declared	192	0	n/a
TOTAL	4,085	1,174	\$66,805

*Students with a double major counted in both disciplines

**n/a indicates insufficient data to calculate average salary

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2015 ENROLLMENT AND SALARY STAT SHEET

GRADUATE

	MASTERS		PHD
	TOTAL	AVG STARTING SALARY*	TOTAL
Aerospace Engineering	10	\$70,000	9
Applied Mathematics	7	n/a	
Applied Statistics	16	\$62,500	
Biochemistry		n/a	7
Bioinformatics & Computational Biology	5	n/a	3
Biology/ Biotechnology	6	n/a	12
Biomedical Engineering	21	\$55,200	26
Bioscience Administration	30	n/a	
Business Administration		n/a	4
Chemical Engineering	13	\$65,800	19
Chemistry	1	n/a	9
Civil Engineering	25	\$86,750	16
Computer Science	68	\$83,395	47
Construction Project Management	5	n/a	
Data Science	72	n/a	2
Electrical & Computer Engineering	179	\$77,092	41
Environmental Engineering	17	\$75,000	
Financial Mathematics	44	n/a	
Fire Protection Engineering	75	\$75,995	6
Industrial Mathematics	4	n/a	
Information Technology	92	\$75,364	
Interactive Media & Game Development	19	n/a	
Interdisciplinary	1	n/a	3
Learning Sciences & Technology		n/a	6
Management	35	n/a	
Manufacturing Engineering Management	1	n/a	
Manufacturing Engineering	28	\$64,333	11
Marketing & Innovation	51	\$53,750	
Master of Business Administration (MBA)	197	\$110,583	
Master of Mathematics for Educators	22	n/a	
Materials Process Engineering	10	n/a	
Materials Science and Engineering	52	\$59,540	25
Mathematical Sciences		n/a	24
Mechanical Engineering	102	\$77,619	29
Nuclear Science & Engineering	1		
Operations Analytics & Management	38	\$50,656	
Operations Design & Leadership	14		
Physics	4	n/a	15
Physics for Educators	8	n/a	
Power Systems Engineering	44	\$110,000	
Power Systems Management	35	\$100,500	
Robotics Engineering	115	\$86,100	23
Social Science & Policy Studies		n/a	2
System Dynamics	10	n/a	1
Systems Engineering	144	\$108,667	
Technology Marketing	1	n/a	
TOTAL	1,622	\$80,210	340

* n/a indicates insufficient data to calculate average salary

The average starting salary for students graduating with a Ph.D. degree in 2015 was **\$63,100**.

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INTERNSHIP AND CO-OP INFORMATION SHEET

UNDERGRADUATE

The average hourly wage for undergraduate summer interns in 2015 was **\$17.42**

MAJOR	AVG. HOURLY WAGE
Aerospace Engineering	\$18.80
Biomedical Engineering	\$10.94
Chemical Engineering	\$16.93
Chemistry	\$13.82
Civil Engineering	\$14.10
Computer Science	\$24.25
Electrical and Computer Engineering	\$19.21
Environmental Engineering	\$15.95
Industrial Engineering	\$17.44
Interactive Media & Game Development	\$16.88*
Management	\$19.33
Management Engineering	\$18.34
Management Information Systems	\$19.76
Mathematics	\$17.25*
Mechanical Engineering	\$17.07
Robotics Engineering	\$16.91

* 2014 data

GRADUATE

The average hourly wage for graduate summer interns in 2015 was **\$21.74** for masters and **\$29.97** for PhD

MAJOR	AVG. HOURLY WAGE
Biology and Biotechnology	\$12.50*
Computer Science	\$31.44
Electrical and Computer Engineering	\$21.02
Financial Math	\$13.00*
Fire Protection Engineering	\$16.50*
Information Technology	\$25.15
Marketing	\$20.66*
Materials Science	\$20.00*
Mechanical Engineering	\$19.00
Operations Design & Leadership	\$15.00*
Robotics Engineering	\$27.56

* 2014 data

FREQUENTLY ASKED QUESTIONS

What is a co-op program?

Co-op (Cooperative Education) is an undergraduate, non-credit, paid, work experience that complements and reinforces classroom learning while allowing students to maintain full time student status. Co-op increases awareness of the day-to-day operations of industry and exposes students to professional standards and the methods used to accomplish objectives in a business environment.

How does the co-op program at Worcester Polytechnic Institute (WPI) work?

WPI defines co-op as a 4-8 month full-time and paid working experience, which typically runs between January-August or May-December. Students pursue these opportunities on their own and the application process works similarly to that of a full-time or summer internship position.

Who is eligible to participate in co-op?

Undergraduate students across all disciplines with classes to come back to after completing their co-op are eligible to participate, as are graduate students in some programs. Additionally, the co-op program is open to both domestic and international students.

What is the average salary a student receives for a co-op experience?

The average salary for a co-op position varies depending on discipline and length. For a more detailed breakout of co-op/internship wages by major, please visit wpi.edu/offices/cdc/research-salaries.html.

What is the best way to advertise the opportunity and when is the best time to recruit for these positions?

The best place to advertise your opportunities is on WPI's online job board posting and recruitment platform. It is used by WPI students and alumni to find full-time, part-time, internship, and co-op opportunities. To post these positions, go to wpi.edu/+hireWPI and click on "post a job, internship or co-op" on the right side of the page. We see companies recruiting for co-op positions anywhere from 1-6 months in advance and recommend starting as early as possible.

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