

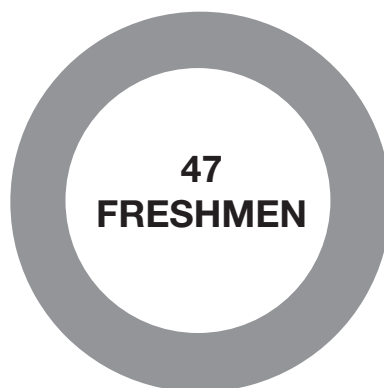
INFORMATION SYSTEMS

Where technology meets the real world.

The degree in Information Systems (IS) at Carnegie Mellon is interdisciplinary by nature. While at home in the Dietrich College of Humanities & Social Sciences, the program draws on the university's strengths in technology and business, in addition to the humanities and social sciences.

IS students study organizational, technological, economic and societal aspects of information systems. Through a multidisciplinary curriculum, they learn how to devise creative and innovative solutions to real-world problems.

FIRST-YEAR STUDENTS



IS Admitted Students Statistics

SATCR	SATM	SATWR	ACTE	ACTM	ACTC
690-760	730-800	690-790	33	33	33

Rank 5% GPA 3.78

Favorite First-Year Courses

- Concepts of Information Systems
- The Information Systems Milieux
- Principles of Computing

Information Systems graduates see a strong return on their investment with their post-graduate opportunities and salary.

PROGRAMS

Information Systems

Content areas provide students with an opportunity to gain depth in a focused area. Content areas include:

Animation and Special Effects
Business/Enterprise Systems
Computing and Information Systems & Technology
Entrepreneurship for Creative Industries
Game Design
Intelligent Environments
Learning Media
Media Design
Physical Computing
Quantitative Analysis
Social and Global Systems
Sound Design

FACULTY

Faculty interests include:

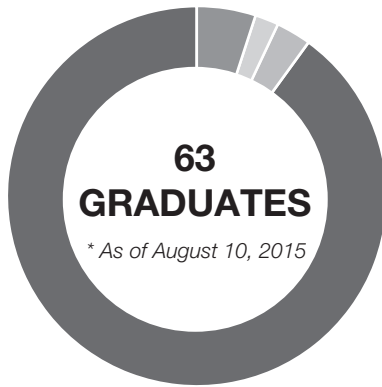
Software Development Methods
Project Management
Global Systems
Big Data and Analytics
Software Systems Security
Mobile Computing
Eco-Sustainability
IT for Development
IS Admitted Student Statistics

Notable Faculty

- C.F. Larry Heimann teaching professor, Information Systems
- Joseph S. Mertz Jr. associate teaching professor, Dietrich College, Information Systems; associate teaching professor, The Heinz College, School of Information Systems
- Jeria Quesenberry associate teaching professor, Information Systems
- Raja Sooriamurthi associate teaching professor, Information Systems
- Randy S. Weinberg teaching professor and director of the program, Information Systems

GRADUATE SUCCESS

Employed
90%



Grad
School
5%

Plans
Pending
3%

Volunteer,
Military,
Other
2%

Top Employers



Deloitte.



Student Startups

- Technology Consulting in the Global Community (TCinGC) is a collaborative partnership between Carnegie Mellon students, faculty and staff and governmental and non-governmental organizations throughout the world. Since 2004 TCinGC has sent student consultants around the globe to assist its partners in the use of technology to more effectively achieve their missions. TCinGC focuses on mutually beneficial partnerships that create unparalleled opportunities for students to gain highly valued skills, while bridging the digital divide through low-cost consulting assistance that would otherwise be out of reach for its partners.

RESEARCH



Zero Waste Pennsylvania

Zero Waste Pennsylvania (ZWPA) is a nonprofit organization with a core service of waste auditing for organizations of all sizes across the state of Pennsylvania. Information Systems students implemented a mobile web application to facilitate and streamline data entry, generation of audit reports and record keeping during the waste auditing process.



Materialize

A student team developed Materialize, an open source modern responsive front-end framework based on Google's Material Design. It simplifies rapid development of websites that work well and looks great across all platforms. It incorporates elements and principles of Material Design and offers components and animations that provide helpful, intuitive feedback to users. Thousands of users have incorporated the Materialize framework into their projects since its launch in 2014.



Capstone Applications Course

Students collaborate with community based organizations to develop useful information system solutions to meet real management needs. Recent organizations IS students worked with:

CompuSpecation

Global Footprint Network

United Way

Best of the Batch Foundation

Light of Life Event Management System

Meals on Wheels

Mercy Home (Chicago)

Needle Exchange (Pittsburgh)

Phipps Garden Center

Jimmy & Rosalynn Partnership Foundation

BibMe.org

University of Pittsburgh

Human Genetics

DID YOU KNOW?

1. **Real world client partnerships** are an important part of the program's mission giving students and project sponsors a significant opportunity to work together toward a common goal. Project sponsors have included United Way, IBM Innovations, Light of Life Event Management System and many more. include: American Institute of Graphic Arts (AIGA), Industrial Designers Society of America (IDSA) and the Design League.
2. The IS Program is an **internationally recognized undergraduate major** for students who want to design and implement effective solutions to meet organizational and management needs for information and decision support.
3. The most difficult parts of **information systems problems are usually in the people and business areas**: problem identification; understanding organizational behavior; understanding interactions among complex systems; understanding how to effectively gather, interpret and communicate information; and knowing how to enable individuals to interact productively as a team. These are all interdisciplinary skills in which departments within the Dietrich College have critical expertise.
4. Information Systems had the **highest number of Dietrich College students studying abroad**. IS students also work on global IT service projects.

Carnegie Mellon University

OFFICE OF ADMISSION
CARNEGIE MELLON UNIVERSITY
5000 FORBES AVENUE
PITTSBURGH PA 15213-3890
T: 412.268.2082
F: 412.268.7838
E: undergraduate-admissions@andrew.cmu.edu



CarnegieMellonAdmission



CM_Admission



Carnegie Mellon Office of Admission

Choose your program
Change the world

cmu.edu/admission

September 2015