

IST graduates with bachelor's degrees have been hired for professional positions such as these:

Business Analysis Consultant	IT Security Associate
Business Systems Delivery Specialist	IT Specialist
Customer Support Engineer	IT Threat and Vulnerability Manager
Forensic Technology Associate	Project Manager
Geospatial Analyst	Risk Services Consultant
GIS Specialist	SAP Analyst
Information Systems Auditor	Software Technology Analyst
Information Engineer	Submarine Warfare Officer
IT Consulting Analyst	Systems Integration Associate
IT Core Analyst	Strategic Architect
IT Integration Associate	Technology Analyst
IT Manager	Web Designer

The following companies and organizations have hired IST graduates:

Accenture	Genworth Financial
Aetna	HPTi
Air Products	J. M. Huber
Alcoa	IBM
Allstate Insurance	Impact Technologies
AMS	Johnson & Johnson
BAE Systems	JPMorganChase and Co.
Bearing Point	Lockheed Martin
Blackboard, Inc.	Mellon Financial
Booz Allen Hamilton	Merrill Lynch
Bristol-Myers Squibb	Mobility Technologies
CIGNA	PNC Financial Services
Comcast	PricewaterhouseCoopers
Computer Aid, Inc.	Raytheon
Computer Sciences Corporation	Toshiba
Deloitte	U.S. Air Force
DISA	U.S. Army
Flack and Kurtz	U.S. GAO
Flowserve	U.S. Navy
GEICO	U.S. Steel
General Electric	The Vanguard Group
	Vicore

The following is a sample of institutions where IST alumni have pursued graduate studies:

Cornell University
Duke University
University of Maryland
MIT, Lincoln Labs
North Carolina State University
The Pennsylvania State University
Syracuse University
Temple University
University of California, Los Angeles
University of Pennsylvania

ist.psu.edu



What We Value in IST

Inspiring Solutions

We envision an environment that nurtures the human capacity to make a difference with IT through creative leaps.

Quality Learning Experiences

We believe in student-centered education that uniquely prepares our graduates to be leaders and problem solvers wherever information technology is applied.

Supportive Climate

We believe in a community grounded by a supportive climate where there is success for all and a common commitment to an appreciation of difference.

Partnerships

We believe that the information issues of our time are not defined by a single intellectual perspective or solely by an academic perspective.

Research Excellence

We believe in a free and flexible research agenda that goes beyond paradigms and the limits of traditional academic boundaries.

IST

College of Information Sciences and Technology

AT A GLANCE

PENN STATE



COLLEGE OF INFORMATION
SCIENCES AND TECHNOLOGY

PENN STATE *Making Life Better*

THIS PUBLICATION IS AVAILABLE IN ALTERNATIVE MEDIA ON REQUEST.

Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.
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The College of Information Sciences and Technology

LEARNING AT A GLANCE: DEGREE PROGRAMS

Associate Degree Options

(two-year)
Software
Networking
Baccalaureate
Generalized Business
Individualized

Bachelor's Degree Options

(four-year)
Information Systems:
Design and Development
Information Technology:
Integration and Application
Information Context:
People, Organizations,
and Society

Theme Tracks

Information Assurance
IT Consulting
Database Systems
IT in a Global Economy

Master of Science Degree Program

Interdisciplinary research-focused program examining relationships among people, information, and technology.

Ph.D. Degree Program

Studies in the IST doctoral program revolve around the theories and methods related to information, users of information, and technology. The program is interdisciplinary, opening the way for students to explore the interrelationship of IT and nearly all fields in our University.

Minors

IST has eight available minors, seven of which are interdisciplinary. They include studies in supply chain management; telecommunications; health policy and administration; and hotel, restaurant, and institutional management.

STATS AT A GLANCE

(as of fall 2005)

Penn State Campuses Offering IST: **19**
Faculty (Statewide): **170**
Faculty (University Park): **37**
Undergraduate Enrollment: **1,941**
M.S. Program Enrollment: **16**
Ph.D. Program Enrollment: **69**
Online IST Enrollment (cumulative): **10,000+**
Internships: **4,500**

SOLUTIONS AT A GLANCE

Online IST

Web-based learning at your own pace, in your own time through the Solutions Exchange (IST Portal for Student and Faculty Access).

IST 110 Introduction to Information Sciences and Technology (3)
IST 111S Seminar in Information Sciences and Technology (1)
IST 210 Organization of Data (4)
IST 220 Networking and Telecommunications (3)
IST 250 New Media and the Web (3)
IST 302 IT Project Management (3)
IST 451 Network Security (3)
solutions.ist.psu.edu/exchange

Seminars and Executive Programs

Capitalizing on the expertise of faculty, staff, and corporate partners, IST delivers cutting-edge education and training programs such as "The Enterprise Technology Strategist: Leveraging IT for Organizational Success" to industry and government clients.

ist.psu.edu/partners/corporate

Internships

By spring 2005, IST students had participated in nearly 4,500 credit-bearing internships, gaining valuable real-world experience. These students have held positions in the United States and abroad, and in nearly all sectors of the economy. Internships are required as an integral part of IST's undergraduate programs.
ist.psu.edu/currentstudents/studentervices/internships



The IST Building at Penn State York campus is one of nineteen locations where IST is offered.



The Information Sciences and Technology Building at University Park is home to the most advanced IT learning and research.

RESEARCH AT A GLANCE

ist.psu.edu/facultyresearch

A Sample of IST Research Studies

Adaptive User Interfaces	Information Systems Development
Advancing Digital Image Technology	Integrated Intelligence
Affective Computing	Interactive Entertainment
Artificial Intelligence, Graphics, and Interactive Entertainment	Legal, Regulatory IT Issue
Attack-Resilient Systems	Modeling Human Behavior
Cognitive Aids for Decision Making	Multisensor Data Fusion
Cognitive Models of Remote-Sensing Interfaces	Network Security
Computer-Assisted Semantic Information Fusion	Search Engines
E-Commerce	Societal Impacts of IT
E-Learning	Spatial Databases
Gender Issues in IT	Strategic Management of IT
Human-Computer Interface	Team-Based Agents
	Web Analysis
	Web Service Composition
	Workforce IT Literacy

IST-Based Research Centers

Center for the Information Society
cis.ist.psu.edu

Center for Information Assurance
net1.ist.psu.edu/cica

Center for Human-Computer Interaction
cscl.ist.psu.edu/public/hci

Research Funding

Cumulative funding from all sponsors for IST research exceeds \$35 million.

Bridging technology and the USER...expressing and defending IDEAS...SKILLS for the international marketplace