INFORMATION SCIENCES AND TECHNOLOGY, B.S. (INFORMATION SCIENCES AND TECHNOLOGY)

Begin Campus: Any Penn State Campus
End Campus: University Park, World Campus

INFORMATION TECHNOLOGY: INTEGRATION & APPLICATION OPTION
CURRENTLY ON HOLD AND NOT ACCEPTING NEW STUDENTS AT WORLD CAMPUS.
Begin Date of Enrollment Hold: January 30, 2024
OPTION AVAILABLE AT ALL OTHER LISTED CAMPUSES

Program Description
This major is structured to provide students with the theoretical frameworks and skill sets necessary to compete and be productive in the information technology-intensive global context that defines the new "Information Age." Specifically, the degree will be focused on a program that will build an understanding of core information technologies and related areas of study; will prepare students for the practical application of various information sciences and related technologies; and engage students in sharpening their abilities to think critically and to work in teams. All this will be done with considerable interdisciplinary integration in order to expose students to the cognitive, social, institutional, and global environments of IST. Team projects in most courses, a required internship, and a senior capstone experience provide additional, focused venues for involving students in the cutting-edge issues and technologies of the field.

Information Context: People, Organizations, and Society Option
Available at the following campuses: University Park

This option focuses on how information technology affects social change and the delivery of information to the consumer. This includes the human-machine interface; organization and retrieval of information; digital libraries; information and telecommunications services; information and media industry structures; software services and intermediaries; telecommunications and information law and policy; sociological aspects of technology change; multimedia; and art, design, and aesthetics.

Information Systems: Design & Development Option
Available at the following campuses: Harrisburg, World Campus

This option is designed to prepare students to use information technology to realize a variety of system-based goals (e.g., reliability, accessibility, efficiency, etc.). It is focused on developing a theoretical foundation and the skill set needed for integrating information technology into different systems for the purpose of enhancing system performance. The emphasis is on providing the student with both the theoretical frameworks needed to use information technology as a system attribute as well as a set of application-oriented experiences and skills.

What is Information Sciences and Technology?
Information Sciences and Technology is a discipline that explores how we can strengthen the power of information and technology, and use it to increase human potential. This includes focusing on creating innovative systems and technological solutions that benefit businesses, organizations, and individuals, and understanding the role of technology in how we live our lives.

MORE INFORMATION ABOUT INFORMATION SCIENCES AND TECHNOLOGY (https://ist.psu.edu/prospective/undergraduate/academics/ist/)

You Might Like This Program If...
• You want to develop new software and web applications, help businesses operate more effectively by creating and implementing technological solutions, or understand how technology is connected to broader social issues.
• You are interested in technology but also want to work with people.
• You enjoy coming up with creative solutions to difficult challenges.

MORE INFORMATION ABOUT WHY STUDENTS CHOOSE TO STUDY INFORMATION SCIENCES AND TECHNOLOGY (https://ist.psu.edu/prospective/undergraduate/academics/ist/)

Entrance to Major
University Park

This program currently has administrative enrollment controls. Administrative Enrollment Controls are initiated when limitations of space, faculty, or other resources in a major prevent accommodating all students who request them. Students must follow the administrative enrollment controls that are in effect for the semester that they enter the university.

First-Year Students Entering Summer 2023, Fall 2023, Spring 2024
In order to be eligible for entrance to this major, students must satisfy the following requirements:
• be enrolled in the College of Information Sciences and Technology or the Division of Undergraduate Studies
• 40-70 graded Penn State credits (excludes transfer and AP credits)
• completed with a grade of C or better: IST 110, IST 140 or CMPSC 101 or CMPSC 121, IST 210, IST 220
• earned a minimum cumulative grade-point average (GPA) of 2.70

Students Who Entered Prior to Summer 2023
Students who entered the University from Summer 2018 through Spring 2023 should view the administrative enrollment controls in the appropriate Undergraduate Bulletin archive (https://bulletins.psu.edu/undergraduate/archive/). Students who entered the University prior to
the summer 2018 semester should consult with their academic adviser about the administrative enrollment controls in effect for the semester they entered the university.

**World Campus**

To be eligible for entrance to the Information Sciences and Technology (ISTBS) major, students must:

1. have completed the following entrance-to-major requirements with a grade of C or better in each: IST 110; IST 140 (or equivalent CMPSC 101 or CMPSC 121); IST 210; and IST 220.
2. have achieved a minimum cumulative grade point average of 2.00 prior to and through the end of the semester during which the entrance-to-major procedure is carried out.

**Degree Requirements**

For the Bachelor of Science degree in Information Sciences and Technology, a minimum of 125 credits is required:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td>45</td>
</tr>
<tr>
<td>Electives</td>
<td>8</td>
</tr>
<tr>
<td>Requirements for the Major</td>
<td>84</td>
</tr>
</tbody>
</table>

12 of the 45 credits for General Education are included in the Requirements for the Major. This includes 12 credits of General Education courses: 6 credits of GQ courses; 3 credits of GS courses; and 3 credits of GWS courses.

**Requirements for the Major**

To graduate, a student enrolled in the major must earn a grade of C or better in each course designated by the major as a C-required course, as specified by Senate Policy 82-44 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#82-44).

**Common Requirements for the Major (All Options)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT 200</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>IST 110</td>
<td>Information, People and Technology</td>
<td>3</td>
</tr>
<tr>
<td>IST 210</td>
<td>Organization of Data</td>
<td>3</td>
</tr>
<tr>
<td>IST 220</td>
<td>Networking and Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>IST 230</td>
<td>Language, Logic, and Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>IST 301</td>
<td>Information and Organizations</td>
<td>3</td>
</tr>
<tr>
<td>IST 311</td>
<td>Foundations of Human-Centered Design</td>
<td>3</td>
</tr>
<tr>
<td>IST 440W</td>
<td>Information Sciences and Technology Integration and Problem Solving</td>
<td>3</td>
</tr>
<tr>
<td>IST 495</td>
<td>Internship</td>
<td>1</td>
</tr>
</tbody>
</table>

**Additional Courses**

Select one of the following:

- ENGL 202C  Effective Writing: Technical Writing  3
- ECON 14    Principles of Economics             3
- ECON 102   Introductory Microeconomic Analysis and Policy  3
- ECON 104   Introductory Macroeconomic Analysis and Policy  3

**Supporting Courses and Related Areas**

- Select 12 credits of international courses in foreign culture from College-approved list  6
- Select 3 credits at the 400 level in emerging issues and technologies from College-approved list  3

**Requirements for the Option**

Select an option  24

- Information Context: People, Organizations, and Society Option (24 credits)

**Available at the following campuses:** University Park

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prescribed Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IST 431</td>
<td>The Information Environment and Legal and Regulatory Environment of Information Science and Technology</td>
<td>6</td>
</tr>
<tr>
<td>IST 432</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Additional Courses**

Select 6 credits of international courses in foreign culture from College-approved list  6

**Supporting Courses and Related Areas**

Select 12 credits from College-approved list (at least 3 credits at the 400 level and no more than 6 credits below the 200-level)

**Information Systems: Design & Development Option (24 credits)**

**Available at the following campuses:** Harrisburg, World Campus

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Prescribed Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IST 240</td>
<td>Introduction to Computer Languages</td>
<td>3</td>
</tr>
<tr>
<td>or IST 242</td>
<td>Intermediate &amp; Object-Oriented Application Development</td>
<td>3</td>
</tr>
<tr>
<td>IST 302</td>
<td>IT Project Management</td>
<td>3</td>
</tr>
<tr>
<td>or IST 413</td>
<td>Usability Engineering</td>
<td>3</td>
</tr>
</tbody>
</table>

**Additional Courses**

Select 6 credits of international courses in foreign culture from College-approved list  6

**Supporting Courses and Related Areas**

- Select 3 credits at the 400 level in emerging issues and technologies from College-approved list  3

**Requirements for the Option**

Select an option  24

- Information Context: People, Organizations, and Society Option (24 credits)

**Available at the following campuses:** University Park

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**Additional Courses**

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**Supporting Courses and Related Areas**

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**Information Systems: Design & Development Option (24 credits)**

**Available at the following campuses:** Harrisburg, World Campus

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<tr>
<td>or IST 413</td>
<td>Usability Engineering</td>
<td>3</td>
</tr>
</tbody>
</table>

**Additional Courses**

Select 6 credits of international courses in foreign culture from College-approved list  6

**Supporting Courses and Related Areas**

Select 12 credits from College-approved list (at least 3 credits at the 400 level and no more than 6 credits below the 200-level)
or IST 361 Application Development Design Studio II
Select 6 credits of the following:  
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 411</td>
<td>Distributed-Object Computing</td>
<td></td>
</tr>
<tr>
<td>IST 412</td>
<td>The Engineering of Complex Software Systems</td>
<td></td>
</tr>
<tr>
<td>IST 413</td>
<td>Usability Engineering</td>
<td></td>
</tr>
</tbody>
</table>

Supporting Courses and Related Areas
Select 9 credits from College-approved list (at least 3 credits must be at the 400-level)

1 Students in the Information Systems: Design and Development Option are expected to take IST 242 prior to taking the prescribed and additional courses for that option.

Information Technology: Integration & Application Option (24 credits)
Available at the following campuses: Harrisburg, World Campus

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
</table>
| Prescribed Courses: Require a grade of C or better

- IST 302 IT Project Management 3 credits
- IST 420 Fundamentals of Systems and Enterprise Integration 3 credits
- IST 421 Advanced Enterprise Integration: Technologies and Applications 3 credits

Additional Courses: Require a grade of C or better

- IST 240 Introduction to Computer Languages 3 credits
- IST 242 Intermediate & Object-Oriented Application Development 3 credits

Supporting Courses and Related Areas
Select 12 credits from College-approved list (at least 3 credits at the 400-level and no more than 6 credits below the 200-level)

General Education
Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense of aesthetic appreciation. These are requirements for all baccalaureate students and are often partially incorporated into the requirements of a program. For additional information, see the General Education Requirements (https://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program/) section of the Bulletin and consult your academic adviser.

The keystone symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

Foundations (grade of C or better is required and Inter-Domain courses do not meet this requirement.)
- Quantification (GQ): 6 credits
- Writing and Speaking (GWS): 9 credits

Breadth in the Knowledge Domains (Inter-Domain courses do not meet this requirement.)
- Arts (GA): 3 credits
- Health and Wellness (GHW): 3 credits
- Humanities (GH): 3 credits
- Social and Behavioral Sciences (GS): 3 credits
- Natural Sciences (GN): 3 credits

Integrative Studies
- Inter-Domain Courses (Inter-Domain): 6 credits

Exploration
- GN, may be completed with Inter-Domain courses: 3 credits
- GA, GH, GN, GS, Inter-Domain courses. This may include 3 credits of World Language course work beyond the 12th credit level or the requirements for the student’s degree program, whichever is higher: 6 credits

University Degree Requirements
First Year Engagement
All students enrolled in a college or the Division of Undergraduate Studies at University Park, and the World Campus are required to take 1 to 3 credits of the First-Year Seminar, as specified by their college First-Year Engagement Plan.

Other Penn State colleges and campuses may require the First-Year Seminar; colleges and campuses that do not require a First-Year Seminar provide students with a first-year engagement experience.

First-year baccalaureate students entering Penn State should consult their academic adviser for these requirements.

Cultures Requirement
6 credits are required and may satisfy other requirements
- United States Cultures: 3 credits
- International Cultures: 3 credits

Writing Across the Curriculum
3 credits required from the college of graduation and likely prescribed as part of major requirements.

Total Minimum Credits
A minimum of 120 degree credits must be earned for a baccalaureate degree. The requirements for some programs may exceed 120 credits. Students should consult with their college or department adviser for information on specific credit requirements.

Quality of Work
Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

Limitations on Source and Time for Credit Acquisition
The college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. Credit used toward degree programs may need to be earned from a particular source or within time constraints (see Senate Policy 83-80 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80)). For more information, check the Suggested Academic Plan for your intended program.

Integrated B.S. in Information Sciences and Technology and M.S. in Informatics
Available at the following campuses: University Park
Requirements for the Integrated B.S. in Information Sciences and Technology and M.S. in Informatics can be found in the Graduate Bulletin (https://bulletins.psu.edu/graduate/programs/majors/informatics/#integratedundergradgradprogramtext).

Program Learning Objectives

- **Knowledge/Application**: Understand and apply the interdisciplinary, theoretical knowledge of the information sciences or security sciences
  - Define and explain the core concepts, principles, processes, and theories within the academic majors of IST and/or SRA
  - Apply the core concepts of the academic majors of IST and/or SRA to real-world problems

- **Problem-Solving**: Demonstrate, apply and adapt various problem solving strategies, using appropriate technology and methods
  - Identify information problems and/or opportunities in terms of the human, informational and technology dimensions
  - Analyze issues surrounding the problem and/or opportunity in terms of the human, informational, and technology dimensions; and determine the requirements appropriate to understanding the situation
  - Design systems, architectures, processes, components, or programs to meet desired needs of the human context at varying levels of analysis (e.g., individual, group, organization, society, and/or world)
  - Deploy up-to-date, relevant and appropriate techniques, methodologies, and/or tools necessary for understanding opportunities and constraints and/or the optimal design, implementation and continuance of an information based solution
  - Evaluate the success of systems, architecture, processes, components, or programs intended to meet desired needs of the human context at varying levels of analysis (e.g., individual, group, organization, society, and/or world)

- **Communication (Individual and Team)**: Communicate and work effectively (both individually and in teams) with a range of perspectives and audiences through a variety of media
  - Participate effectively on teams in order to accomplish a common goal
  - Communicate effectively with a range of audiences, formally or informally, through writing and the spoken word
  - Seek out, analyze, and incorporate diverse ideas and broader perspectives represented in the diversity of people
  - Demonstrate respectful and inclusive choices in interacting with customers, peers, supervisors, and/or subordinates with a diversity of identity characteristics (e.g., age, ancestry, color, disability or handicap, national origin, race, religious creed, sex, sexual orientation, gender identity, or veteran status)

- **Professional Responsibilities**: Understand professional responsibilities in terms of the ethical, legal, security and social aspects of any given problem and its solution
  - Demonstrate an understanding of the cognitive, social, legal, ethical, diversity, and security perspectives surrounding a given problem
  - Assess the impact of information, computing and technology on individuals, groups, organizations, society, and the world for the purpose of making informed decisions from a sociological, governmental, legal, and/or security perspective.

- **Lifelong Learning**: Commit to the continuous acquisition of relevant knowledge for professional development by self-teaching and/or ongoing education and learning
  - Employ information-seeking strategies and self-directed learning in pursuit of current knowledge
  - Enroll and participate in professional development and tutoring opportunities

Academic Advising

The objectives of the university’s academic advising program are to help advisees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and out-of class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee’s unit of enrollment will provide each advisee with a primary academic adviser; the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/32-00-advising-policy/)

University Park
Undergraduate Academic Advising Center
E103 Westgate Building
University Park, PA 16802
814-865-8947
advising@ist.psu.edu

World Campus
Undergraduate Academic Advising
301 Outreach Building
University Park, PA 16802
814-863-3283
advising@outreach.psu.edu

Harrisburg
David Kitlan
Program Coordinator
Olmsted Building E335
Middletown, PA 17057
717-948-6639
dpk104@psu.edu

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2023-24 academic year. To access previous years’ suggested academic plans, please visit the archive (https://bulletins.psu.edu/undergraduate/archive/) to view the appropriate Undergraduate Bulletin edition (Note: the archive only contains suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin).
People, Organizations, and Society Option: Information Sciences and Technology, B.S. at University Park Campus

The course series listed below provides only one of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an Academic Requirements or What If report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 110*#</td>
<td>3 IST 210*#</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>IST 140, CMPSC 101, or CMPSC 121*#</td>
<td>3 ECON 102 or 104</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 110 or 140‡</td>
<td>4 ENGL 15, 30H, or ESL 15‡</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>World Language Level 1</td>
<td>4 General Education Course (GHW, GN, GA, or GS)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Education Course (GHW, GN, GA, or GS)</td>
<td>3 World Language Level 2</td>
<td>4</td>
<td></td>
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</tbody>
</table>

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Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 220*</td>
<td>3 IST 240 or 242</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>IST 230*</td>
<td>3 STAT 200†</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>World Language Level 3</td>
<td>4 CAS 100†</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Education Course (GHW, GN, GA, or GS)</td>
<td>3 General Education Course (GHW, GN, GA, or GS)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Education Course (GHW, GN, GA, or GS)</td>
<td>3 General Education Course (GHW, GN, GA, or GS)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

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Third Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Summer</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 301*</td>
<td>3 IST 431†</td>
<td>3 IST 495†</td>
<td>1</td>
</tr>
<tr>
<td>IST 331*</td>
<td>3 IST 302 or 413</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Support of Option</td>
<td>3 ENGL 202C or 202D‡</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>3 Foreign Culture (IL)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Education Course (GHW, GN, GA, or GS)</td>
<td>3 Support of Option</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

15 15 1

Fourth Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST 402</td>
<td>3 IST 440W*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>IST 432*</td>
<td>3 Support of Option 400 Level</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Support of Option</td>
<td>3 General Education Course (GHW, GN, GA, or GS)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Foreign Cultures (IL)</td>
<td>3 US Cultures or Elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Education Course (GHW, GN, GA, or GS)</td>
<td>3 Elective</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

15 14

Total Credits 125

* Course requires a grade of C or better for the major
† Course requires a grade of C or better for General Education
# Course is an Entrance to Major requirement
‡ Course satisfies General Education and degree requirement

1 1 credit of IST 495 is required. A grade of "SA" must be earned in this course. This course can be completed at any time before graduation.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of "C" or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student’s program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Advising Notes:

• IST courses have enforced prerequisites.

Career Paths

IST allows you to explore some of the biggest challenges facing society and work to solve them by leveraging information and using technology. It blends skills from a number of fields – computer science, business,
psychology, math, sociology, political science – so you can help people and organizations thrive. IST’s Office of Career Solutions helps students navigate their internship and career development in the field through coaching, workshops, interview preparation, resume reviews, career fairs, job postings, and networking opportunities.

**Careers**

Because our courses blend technical knowledge with skills in communication and business, an IST degree allows for careers in nearly every industry including consulting, business, government, defense, entertainment, and medicine.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES OF THE INFORMATION SCIENCES AND TECHNOLOGY PROGRAM (https://www.ist.psu.edu/current/careers/development/process/path/)

**Contact**

**University Park**

COLLEGE OF INFORMATION SCIENCES AND TECHNOLOGY

411 Eric J. Barron Innovation Hub Building

State College, PA 16801

814-865-3528

**World Campus**

COLLEGE OF INFORMATION SCIENCES AND TECHNOLOGY

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