INFORMATION SCIENCES AND TECHNOLOGY, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Description

This minor 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 minor 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 the intent to expose students to the cognitive, social, institutional, and global environments of Information Sciences and Technology and to then apply that knowledge as a supplement to their major.

Program Requirements

Requirement	Credits
Requirements for the Minor	18

Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

Code	Title	Credits
Prescribed Courses		
Prescribed Courses: Require a grade of C or better		
IST 110	Information, People and Technology	3
IST 210	Organization of Data	3
IST 220	Networking and Telecommunications	3
Additional Courses		
Additional Courses: Require a grade of C or better		
Select 3 credits of the following:		3
IST 140	Introduction to Application Development	
IST/COMM 234		
IST/WMNST 235	Gender and the Global Information Technology Sector	
IST 250	Introduction to Web Design and Development	
IST 301	Information and Organizations	
IST 302	IT Project Management	
Select 6 credits of the following:		6
IST 402	Emerging Issues and Technologies	
IST 431	The Information Environment	
IST 432	Legal and Regulatory Environment of Information Science and Technology	
IST 442	Information Technology in an International Context	
IST 445	Globalization Trends and World Issues	
IST 452	Legal and Regulatory Environment of Privacy and Security	
IST 453	Legal, Regulatory, Policy Environment of Cyber Forensics	

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/)

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Joseph Kasten

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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, psychology, math, business, 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 government, defense, consulting, business, entertainment, and medicine.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES WITH A MINOR IN INFORMATION SCIENCES AND TECHNOLOGY (https://ist.psu.edu/current/careers/development/process/path/)

Contact

University Park

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https://greaterallegheny.psu.edu/minors (https://
greaterallegheny.psu.edu/minors/)

Harrisburg

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717-948-6141
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https://harrisburg.psu.edu/business-administration/information-
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https://montalto.psu.edu/academics/bachelors/minors (https://
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World Campus

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https://www.worldcampus.psu.edu/degrees-and-certificates/penn-
state-online-information-sciences-and-technology-minor (https://
www.worldcampus.psu.edu/degrees-and-certificates/penn-state-online-
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https://www.york.psu.edu/academics/baccalaureate/minors (https://
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