

Graduate Certificate: Information Science and Technology

COLLEGE OF SCIENCE AND TECHNOLOGY

Learn more about the graduate certificate in Information Science and Technology.

About the Certificate

The graduate certificate in Information Science and Technology is designed to meet the professional needs of individuals in the workforce who require advanced training and advanced competencies in computer science. Students who complete the certificate program have the option of enrolling in the Information Science and Technology MS program and having their coursework in which they earned a grade of "B" or higher count toward the master's degree.

Campus Location: Main

Full-Time/Part-Time Status: The graduate certificate can be completed on a part-time basis. NOTE: International students may not be eligible to apply for a student visa based on admission to the certificate program. Please contact the graduate administrative coordinator for more information.

Non-Matriculated Student Policy: Students can take up to 9 credits on a non-matriculated basis. When they complete 9 credits, they must declare their intention to complete the graduate certificate in Information Science and Technology by completing and submitting the "Non-Degree Seeking Student Request to Exceed 9 Credits of Graduate Coursework for Certificate Program," found in TUportal under the Tools tab within "University Forms."

Admission Requirements and Deadlines

Bachelor's Degree in Discipline/Related Discipline: All applicants must present credentials that are the equivalent of the appropriate baccalaureate degree at Temple University.

Certificate Requirements

Number of Credits Required to Complete the Certificate: 12

Required Courses:

Code	Title	Credit Hours
Select four from the following: ¹		12
CIS 5002	Database Design & Programming	
CIS 5015	Scripting for Sciences and Business	
CIS 5016	Data Structures and Objects	
CIS 5017	Operating Systems and Architecture	
CIS 5107	Computer Systems Security and Privacy	
CIS 5208	Knowledge Management	
CIS 5210	Seminar in Information Science and Technology	
CIS 5221	Introduction to Mobile Application Development	
CIS 5274	Software Quality Assurance and Testing	
CIS 5275	Software Project Management	
CIS 5301	Advanced Database Management Systems	
CIS 5303	Usability Engineering	
CIS 5304	Network Technologies	
CIS 5306	Software Engineering	
CIS 5410	Advanced Seminar in Information Science and Technology	
CIS 5590	Topics in Computer Science	
Total Credit Hours		12

¹ Other graduate-level CIS courses can be taken with the approval of the MS in IS&T Program Director.

GPA Required to be Awarded the Certificate: 3.0 minimum

Contacts

Certificate Program Web Address:

<https://www.temple.edu/academics/degree-programs/information-science-and-technology-certificate-graduate-st-ist-grad>

Department Information:

Dept. of Computer and Information Sciences
313 Science and Education Research Center
1925 N. 12th Street
Philadelphia, PA 19122-1801
cst.psm@temple.edu
215-204-8450

Submission Address for Application Materials:

<https://cst.temple.edu/academics/graduate-programs/apply-now>

Department Contacts:

Admissions:

Graduate Administrative Coordinator
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215-204-8450

Graduate Advisor:

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Graduate Chairperson:

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Department Chairperson:

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