

Computer Security and Digital Forensics Certificate

Overview

The **Certificate in Computer Security and Digital Forensics**, offered by the Department of Computer and Information Sciences (CIS), is appropriate for CIS majors¹ or experienced industry professionals² who are interested in focusing in the security area. Students can add this to their existing Computer Science, Information Science and Technology, or Mathematics/Computer Science major. At least two of these courses CANNOT count towards the electives for the major. In other words, you need to have two distinct courses for the certificate that are not counting towards any major elective courses; one of the electives can count for both.

1

Matriculated students are primarily CIS majors due to prerequisites.

2

Non-matriculated students must have 2+ years of experience in the IT sector working in systems and network administration and/or security domains. Requires instructor permission.

Campus Location: Main

Program Code: ST-CSDF-CERT

Undergraduate Contact Information

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Learn more about the undergraduate certificate in Computer Security and Digital Forensics.

Certificate Requirements

Prerequisites

Students desiring a Certificate in Computer Security & Digital Forensics must have already completed the following or have equivalent industry experience:

Code	Title	Credit Hours
CIS 1068 or CIS 1968	Program Design and Abstraction Honors Program Design and Abstraction	4
CIS 1166 or CIS 1966	Mathematical Concepts in Computing I Honors Mathematical Concepts in Computing I	4
CIS 2229 or CIS 2107	Architecture, Operating Systems and Networking Computer Systems and Low-Level Programming	4
CIS 2168	Data Structures	4
Total Credit Hours		16

Required Courses

Students desiring a Certificate in Computer Security & Digital Forensics must complete the following courses:

Code	Title	Credit Hours
CIS 3605	Introduction to Digital Forensics	3
Select two of the following:		6-8
CJ 1001 or CJ 3007	Introduction to Criminal Justice Cybercrime	
CIS 3319	Wireless Networks and Security	
CIS 3441	Software Security	
CIS 4378	Computer and Network Security	
Total Credit Hours		9-11

Residency Requirements: At least 2 courses required for the certificate must be completed at Temple.