Information Science and Technology Minor

Overview

Offered by the Department of Computer and Information Sciences, the Minor in Information Science and Technology provides students with a choice of 5 courses that focus on programming, operating systems and database technologies that can be applicable for a technological foundation to complement any major. Students on both Main Campus and Temple University Japan Campus may declare this minor.

Campus Location: Main and Japan

Undergraduate Contact Information

Main Campus
Jamie Payton, Chair
Science, Education and Research Center, Room 304
215-204-8450

Gene Kwatny, Vice Chair
Science, Education and Research Center, Room 304
215-204-8450

Dominic Letarte, Faculty Advisor
Science, Education and Research Center, Room 372
215-204-6439
istadvsr@temple.edu

Temple Japan Campus
Hani Karam, PhD, Computer Science Coordinator
hkaram@tuj.temple.edu

Minor Requirements

Students desiring a minor in Information Science and Technology are required to satisfy the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CIS 1051 or CIS 1951 or CIS 1057</td>
<td>Introduction to Problem Solving and Programming in Python or Honors Introduction to Problem Solving and Programming in Python or Computer Programming in C</td>
<td>4</td>
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<tr>
<td>CIS 1068 or CIS 1968</td>
<td>Program Design and Abstraction or Honors Program Design and Abstraction</td>
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<td>Select 3 of the following:</td>
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<td>11-12</td>
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<td>CIS 1166 or CIS 1966</td>
<td>Mathematical Concepts in Computing I or Honors Mathematical Concepts in Computing I</td>
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<tr>
<td>CIS 2004</td>
<td>Sci+Tech Scholars Seminar</td>
<td>2</td>
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<tr>
<td>CIS 2109</td>
<td>Database Management Systems</td>
<td></td>
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<tr>
<td>CIS 2168</td>
<td>Data Structures</td>
<td></td>
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<tr>
<td>CIS 2229</td>
<td>Architecture, Operating Systems and Networking</td>
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Total Credit Hours 19-20

1 A 3000-level CIS course may replace one of the courses above with faculty advisor approval. CS majors who want an IS&T minor must take CIS 2109, CIS 3309 and a 3000-level IS&T course distinct from the CS courses (selected with IS&T faculty advisor). If a student has taken CIS 4331, that student may not take CIS 2109 and will need to see the faculty advisor for a replacement course.

2 Only students in the Sci+Tech Scholars program may take the 1-credit CIS 2004 course each semester for three semesters and substitute the 3 combined credits for one of the required electives. Sci+Tech Scholars students would then need to choose two additional electives from the list to complete the three electives requirement.
**Residency Requirements:** At least 3 courses required for the minor must be completed at Temple. At least 3 CIS courses must be completed at Temple. Sci+Tech Scholars students should note that taking 3 CIS 2004 seminars constitutes 1 course for the residency requirement.