Information Science & Technology, Minor

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.

Undergraduate Contact Information:

Dr. Jamie Payton, Chair
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Minor Requirements

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

<table>
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<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</td>
<td>4</td>
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<tr>
<td>CIS 1068 or CIS 1968</td>
<td>Program Design and Abstraction</td>
<td>4</td>
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| Select 3 of the following: 1 | Mathematical Concepts in Computing I or Honors Mathematical Concepts in Computing I | 11-12
| CIS 2109 | Database Management Systems                                            |              |
| CIS 2168 | Data Structures                                                        |              |
| CIS 2229 | Architecture, Operating Systems and Networking                        |              |

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.

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.