# INFORMATION TECHNOLOGY MINOR

https://ceps.unh.edu/computer-science/program/minor/information-technology

## Description

The information technology (IT) minor is a way for students in non-technical majors to bridge the gap between a primarily non-technical education and a technical world. Graduates from a variety of fields are discovering that there is a great need to have computer competency in addition to the knowledge they gain in their major; the IT minor, which is tailored to grow students’ understanding of computer and information technology applications, helps prepare students for the future.

Students who minor in IT must complete a minimum of 20 credits of IT courses. All students must take IT 520 Computer Architecture as well as an approved introductory programming course. The other three courses may be chosen from the Options list below.

Credit toward the minor will only be given for courses passed with C- or better, and a 2.00 grade-point average must be maintained in courses for the minor. Courses taken on the pass/fail basis may not be used for the minor. Students should declare their intent to earn a minor as early as possible and no later than the end of the junior year. During the final term, an application should be made to the dean (of the student’s major college) to have the minor shown on their academic record. Students must consult with their major adviser and also the minor coordinator.

## Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>IT 520</td>
<td>Computer Architecture</td>
<td>4</td>
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<tr>
<td></td>
<td>One programming course chosen from the following list:</td>
<td>4</td>
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<tr>
<td>CS 405</td>
<td>Introduction to Applications Programming</td>
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<tr>
<td>CS 414</td>
<td>From Problems to Algorithms to Programs</td>
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<tr>
<td>CS 410C</td>
<td>Introduction to Scientific Programming/C</td>
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<tr>
<td>or CS 410P</td>
<td>Introduction to Scientific Programming/Python</td>
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<td>Three options chosen from the following list:</td>
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<tr>
<td>IT 403</td>
<td>Introduction to Internet Technologies</td>
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<tr>
<td>CS 417</td>
<td>From Programs to Computer Science</td>
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<tr>
<td>IT 502</td>
<td>Intermediate Web Design</td>
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<td>IT 505</td>
<td>Database Programming</td>
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<td>IT 604</td>
<td>Server-side Web Development</td>
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<tr>
<td>IT 605</td>
<td>Client-side Web Development</td>
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<td>IT 609</td>
<td>Network/Systems Administration</td>
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<td>IT 630</td>
<td>Data Science and Analytics</td>
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<td>IT 666</td>
<td>Computer Security</td>
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<tr>
<td>IT 780</td>
<td>Topics in Information Technology</td>
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</table>

Other courses are eligible by permission of the minor coordinator

Total Credits 20