Planned 2021-2022 Undergraduate Course Offerings

This is the timetable for undergraduate CIS courses to be offered during the 2021-2022 academic year. Course offerings will be similar in subsequent years, with variations mostly limited to courses numbered at the 4xx level. Note that Topics courses are tentative and may or may not be offered; if offered, the topics may vary.

### 2021 SUMMER SESSION COURSE OFFERINGS

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>COURSE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CISC106</td>
<td>General Computer Science for Engineers</td>
</tr>
<tr>
<td>CISC108</td>
<td>Introduction to Computer Science I</td>
</tr>
<tr>
<td>CISC181</td>
<td>Introduction to Computer Science II</td>
</tr>
<tr>
<td>CISC210</td>
<td>Introduction to Systems Programming</td>
</tr>
<tr>
<td>CISC220</td>
<td>Data Structures</td>
</tr>
<tr>
<td>CISC355</td>
<td>Computers, Ethics and Society</td>
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</tbody>
</table>

### 2021 FALL COURSE OFFERINGS

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>COURSE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CISC101</td>
<td>Principles of Computing</td>
</tr>
<tr>
<td>CISC106/106H</td>
<td>General Computer Science for Engineers</td>
</tr>
<tr>
<td>CISC108/108H</td>
<td>Introduction to Computer Science I</td>
</tr>
<tr>
<td>CISC181</td>
<td>Introduction to Computer Science II</td>
</tr>
<tr>
<td>CISC187</td>
<td>Seminar: VIP Various Topics</td>
</tr>
<tr>
<td>CISC210</td>
<td>Introduction to Systems Programming</td>
</tr>
<tr>
<td>CISC220/220H</td>
<td>Data Structures</td>
</tr>
<tr>
<td>CISC260</td>
<td>Machine Organization and Assembly Language</td>
</tr>
<tr>
<td>CISC275</td>
<td>Introduction to Software Engineering</td>
</tr>
<tr>
<td>CISC287</td>
<td>Seminar: VIP Various Topics</td>
</tr>
<tr>
<td>CISC303</td>
<td>Automata Theory</td>
</tr>
<tr>
<td>CISC304</td>
<td>Logic for Programming</td>
</tr>
<tr>
<td>CISC320</td>
<td>Introduction to Algorithms</td>
</tr>
<tr>
<td>CISC355</td>
<td>Computers, Ethics and Society</td>
</tr>
<tr>
<td>CISC357</td>
<td>Engaging Youth in Computing</td>
</tr>
<tr>
<td>CISC361</td>
<td>Operating Systems</td>
</tr>
<tr>
<td>CISC367</td>
<td>Seminar: Introduction to Computer Science Research</td>
</tr>
<tr>
<td>CISC372</td>
<td>Parallel Computing</td>
</tr>
<tr>
<td>CISC387</td>
<td>Seminar: VIP Various Topics</td>
</tr>
<tr>
<td>CISC404</td>
<td>Logic in Computer Science</td>
</tr>
<tr>
<td>CISC410</td>
<td>Computational Mathematics I</td>
</tr>
<tr>
<td>CISC436</td>
<td>Computational Biology &amp; Bioinformatics</td>
</tr>
<tr>
<td>COURSE NUMBER</td>
<td>2021 WINTER SESSION COURSE OFFERINGS</td>
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<tr>
<td>CISC101</td>
<td>Principles of Computing</td>
</tr>
<tr>
<td>CISC355</td>
<td>Computers, Ethics and Society</td>
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<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>2022 SPRING COURSE OFFERINGS</th>
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<tbody>
<tr>
<td>CISC101</td>
<td>Principles of Computing</td>
</tr>
<tr>
<td>CISC103</td>
<td>Introduction to Computer Science with Web Applications</td>
</tr>
<tr>
<td>CISC106/106H</td>
<td>General Computer Science for Engineers</td>
</tr>
<tr>
<td>CISC108</td>
<td>Introduction to Computer Science I</td>
</tr>
<tr>
<td>CISC181/181H</td>
<td>Introduction to Computer Science II</td>
</tr>
<tr>
<td>CISC187</td>
<td>Seminar: VIP Various Topics</td>
</tr>
<tr>
<td>CISC210/210H</td>
<td>Introduction to Systems Programming</td>
</tr>
<tr>
<td>CISC220</td>
<td>Data Structures</td>
</tr>
<tr>
<td>CISC250</td>
<td>Business Telecommunications Networks</td>
</tr>
<tr>
<td>CISC260</td>
<td>Machine Organization and Assembly Language</td>
</tr>
<tr>
<td>CISC275</td>
<td>Introduction to Software Engineering</td>
</tr>
<tr>
<td>CISC287</td>
<td>Seminar: VIP: Various Topics</td>
</tr>
<tr>
<td>CISC303</td>
<td>Automata Theory</td>
</tr>
<tr>
<td>CISC304</td>
<td>Logic for Programming</td>
</tr>
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<td>Introduction to Algorithms</td>
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<tr>
<td>CISC355</td>
<td>Computers, Ethics and Society</td>
</tr>
<tr>
<td>CISC360</td>
<td>Computer Architecture</td>
</tr>
<tr>
<td>CISC361</td>
<td>Operating Systems</td>
</tr>
</tbody>
</table>
CISC372  Parallel Computing
CISC374  Educational Game Development
CISC387  Seminar: VIP: Various Topics
CISC401  Elements of the Theory of Computation
CISC410  Computational Mathematics I
CISC411  Computational Mathematics II
CISC437  Database Systems
CISC440  Computer Graphics
CISC442  Computer Vision
CISC450  Computer Networks I
CISC464  Introduction to Network Security
CISC465  Introduction to Cybersecurity
CISC467  Seminar: Various Topics
CISC471  Compiler Design
CISC481  Artificial Intelligence
CISC483  Introduction to Data Mining
CISC484  Introduction to Machine Learning
CISC487  Seminar: VIP: Various Topics
CISC489  Topics in Artificial Intelligence
CISC499  Computer Science Senior Design Project II