### MINOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Title</th>
<th>Liberal Studies</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPSC 130</td>
<td>Intro to Computing and Programming</td>
<td>STME</td>
<td>3</td>
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<tr>
<td>CPSC 146</td>
<td>Programming Principles</td>
<td>STMG</td>
<td>3</td>
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<tr>
<td>CPSC 207</td>
<td>Shell Commands and Scripting</td>
<td>-</td>
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<tr>
<td>CPSC/MIS 300</td>
<td>Challenges of Computer Technology</td>
<td>-</td>
<td>3</td>
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<tr>
<td>CPSC/MIS 323</td>
<td>Database Systems</td>
<td>-</td>
<td>3</td>
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#### Core Requirements (15 credits)

Choose two of the following courses: (6 credits)

- CPSC 215: Cross-Platform Mobile App
- CPSC 217: Structured and Dynamic Web Programming
- CPSC 246: Adv Programming Principles
- CPSC 315: Computer Gadget Project

Choose one of the following courses: (3 credits)

- CPSC 317: Scripting Languages
- CPSC 327: Administration and Security
- CPSC/MIS 333: Introduction to Computer Forensics
- CPSC 337: Introduction to Web Graphics
- CPSC 370: Computer Organization & Architecture
- CPSC 374: Algorithms and Data Structures
- CPSC 376: Programming Language Theory
- CPSC 405/605: Data Mining and Data Analysis
- CPSC 406/606: Data Visualization
- CPSC 413: Systems Analysis
- CPSC 417: Advanced Web Technologies
- CPSC 423: Computer Networks
- CPSC 427: Interface Design
- CPSC 450: Internship
- CPSC 456: Intro to Computer Graphics
- CPSC 464: Principles of Concurrent Program & Operating Systems
- CPSC 476: Artificial Intelligence
- CPSC 480: Topics in Computer Science: Machine Learning
- CPSC 488: Software Engineering
- ART 214: Art Synthesis Digital Media
- COMM 201: Digital Imaging 1
- COMM 248: Interactive Multimedia 1
- COMM 254: Video Production
- COMM 258: Interactive Multimedia 2
- COMM 350: Editing for Video
- COMM 359: Interactive Multimedia 3
- MGMT 351: Organizational Behavior
- MGMT 365: Management Information Systems
- MRKT 330: Principles of Marketing
- MATH 152 or BUS 219 or MATH 152 or BUS 219: Elementary Statistics

#### IMPORTANT CURRICULUM GUIDE NOTES

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended minor curriculum. Enrolled SRU students should note that the My Rock Audit Report may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisors to ensure accurate progress towards degree completion. The information on this guide is current as of the date below. Students are responsible for curriculum requirements at the time of enrollment at the University.

- Indicates this course may have a prerequisite.
- Not designated as a Liberal Studies Course

##### Important Notes:

- The Computing minor must submit this self-maintained curriculum guide to the Computer Science Department for verification.

##### Minor Requirements:

- Students must complete at least 6 credit hours in their minor from SRU.
- A minimum of 6 credit hours must be upper division (courses numbered 300 and above).
- A minor shall be no fewer than 18 credits.

### GPA REQUIREMENT

2.0 or higher Minor GPA

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*LIBERAL STUDIES CODES*  
Courses marked with a Liberal Studies code indicate that this particular course will satisfy both a Liberal Studies and Minor requirement.

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<th>BR</th>
<th>AG</th>
<th>GC-NUS</th>
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<th>STMG</th>
<th>CMA</th>
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*Slippery Rock University of Pennsylvania – Curriculum Guide*  
*Minor in Computing (14D)*  
*Effective Spring 2015*  
*Enrollment Management Revised 7-2015*