## COMPUTER SCIENCE (CSC)  
### TWO YEAR DEGREE MAP

### FOOTNOTES

1. Students are required to take MAT 206.5. MAT 206.5 is a combination course of Intermediate Algebra and Trigonometry and Precalculus and will help to fulfill the General Elective requirement of which 6 credits are required. The remaining 2 credits can be satisfied by taking STEM variants in the Common Core.

2. Please consult with an academic or faculty advisor.

3. CSC 101 and MAT 206.5 are prerequisite courses to CSC 111. Students are strongly encouraged to take both courses in their first semester.

4. MAT 206.5 must be passed in order to take MAT 301.

5. SPE 102 is an option for non-native speakers of English.

6. PHY 215 has a co-requisite course of MAT 302.

7. MAT 301 must be passed in order to take MAT 302.

8. CSC 111 and MAT 206.5 must be passed in order to take CSC 211.

9. A total of 6 credits are needed. Choose 1 from CIS 317, CIS 345, CIS 359, CIS 362, CIS 364, CIS 385, CIS 395, CSC 103, or GIS 201.

10. CSC 211 must be passed in order to take CSC 331.

11. CSC 211 and CSC 231 must be passed in order to take CSC 331.

12. CSC 211 must be passed in order to take CSC 350.

13. A Writing Intensive course is needed to graduate.

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### YEAR 1

<table>
<thead>
<tr>
<th>SEMESTER 1</th>
<th>16 CREDITS</th>
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</table>
| MAT 206.5  | Intermediate Algebra and Precalculus<sup>1,3</sup>  
3 CREDITS |
| ENG 101    | English Composition  
3 CREDITS |
| CSC 101    | Principles in Information Technology and Computation<sup>3</sup>  
3 CREDITS |
| XXX xxx    | Individual and Society<sup>2</sup>  
3 CREDITS |
| XXX xxx    | U.S. Experience in Its Diversity<sup>2</sup>  
3 CREDITS |

<table>
<thead>
<tr>
<th>SEMESTER 2</th>
<th>14 CREDITS</th>
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</table>
| ENG 201    | Introduction to Literature  
3 CREDITS |
| CSC 111    | Introduction to Programming<sup>3</sup>  
3 CREDITS |
| MAT 301    | Analytic Geometry and Calculus I<sup>4</sup>  
4 CREDITS |
| SPE 100    | Fundamentals of Public Speaking<sup>5</sup>  
3 CREDITS |

### YEAR 2

<table>
<thead>
<tr>
<th>SEMESTER 3</th>
<th>18 CREDITS</th>
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</table>
| PHY 215    | University Physics I<sup>6</sup>  
4 CREDITS |
| MAT 302    | Analytic Geometry and Calculus II<sup>7</sup>  
4 CREDITS |
| CSC 211    | Advanced Programming Techniques<sup>8</sup>  
3 CREDITS |
| CSC 231    | Discrete Structures and Applications to Computer Science<sup>9</sup>  
4 CREDITS |
| XXX xxx    | Program Elective<sup>10</sup>  
3 CREDITS |

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<thead>
<tr>
<th>SEMESTER 4</th>
<th>15 CREDITS</th>
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</table>
| CSC 215    | Fundamentals of Computer Systems<sup>8</sup>  
3 CREDITS |
| CSC 331    | Data Structures<sup>11</sup>  
3 CREDITS |
| CSC 350    | Software Development<sup>12</sup>  
3 CREDITS |
| XXX xxx    | Program Elective<sup>10</sup>  
3 CREDITS |
| XXX xxx    | World Cultures and Global Issues<sup>2</sup>  
3 CREDITS |

**TOTAL: 63 CREDITS**<sup>13</sup>