### Computer & Data Science

#### 1st Semester: ____________
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COMP 110 Computer Programming I</td>
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<tr>
<td>MATH 165 Discrete Math I</td>
<td>3</td>
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<tr>
<td>INTD 100 First Year Seminar I</td>
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<tr>
<td>ENGL 104 or ENGL 110 (Honors)</td>
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<tr>
<td><strong>CORE</strong></td>
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#### 2nd Semester: ____________
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<tr>
<td>COMP 150 Computer Programming II</td>
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<tr>
<td>MATH 270 Discrete Math II</td>
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<tr>
<td>MATH 110 Elementary Statistics</td>
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<td>INTD 116 First Year Seminar II</td>
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#### 3rd Semester: ____________
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<th>Course</th>
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<tbody>
<tr>
<td>COMP 250 Intro to Data Mining</td>
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<tr>
<td>COMP 220 Data Structures</td>
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#### 4th Semester: ____________
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<tr>
<td>COMP 255 Data Analysis with R</td>
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<tr>
<td>COMP 265 Python Programming</td>
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#### 5th Semester: ____________
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<tr>
<td>COMP 330 Algorithm Analysis</td>
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<td>COMP 310 Database Design and Development</td>
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<td><strong>MAJOR Elective</strong></td>
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#### 6th Semester: ____________
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<tr>
<td>COMP 420 Machine Learning</td>
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<td>COMP 450 Software Engineering</td>
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<td>INTD 301 Mercy Integrative Seminar</td>
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#### 7th Semester: ____________
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<tr>
<td>COMP 440 Web Application Development</td>
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#### 8th Semester: ____________
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<tr>
<td>COMP 499 Computer &amp; Data Science Capstone</td>
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