### Degree

Bachelor of Science in Computer Science

### Course Catalog

### Admission Requirements

- Completion of Associate in Arts (AA) degree
- Completion of all prerequisites with grade of C or higher
- Cumulative Transfer GPA: 2.0 or higher

### Special Notes

- We strongly encourage students to complete math and science courses every term to make satisfactory progress toward completing all prerequisites and AA degree prior to transfer.
- Science Requirement: A minimum of eight (8) credits in science courses, including labs, are required in this degree. Science courses must be intended for science or engineering majors.
- The additional lower division courses below are required for this program. We encourage students to take these course (as electives) prior to completing the AA.

### PREREQUISITES

<table>
<thead>
<tr>
<th>MDC Course</th>
<th>FIU Course</th>
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</thead>
<tbody>
<tr>
<td>MAC 2311 Calculus and Analytical Geometry 1</td>
<td>MAC 2311</td>
</tr>
<tr>
<td>MAC 2312 Calculus and Analytical Geometry 2</td>
<td>MAC 2312</td>
</tr>
<tr>
<td>COP 2800 Java Programming</td>
<td>COP 2210</td>
</tr>
</tbody>
</table>

Choose one course and corresponding lab from each group.

**Natural Sciences Group 1 (State Core Requirement):**

- BSC 2010 + BSC 2010L Principles of Biology 1 + Lab
- OR
- CHM 1045 + CHM 1045L General Chemistry & Qualitative Analysis 1 + Lab
- OR
- PHY 2048 + PHY 2048L Physics without Calculus I + Lab

**Natural Sciences Group 2 (Institution’s Core Requirement):**

- BSC 2011 + BSC 2011L Principles of Biology 2 + Lab
- BSC 2011 + BSC 2011L
- OR
- CHM 1046 + CHM 1046L General Chemistry & Qualitative Analysis 2 + Lab
- CHM 1046 + CHM 1046L
- OR
- PHY 2049 + PHY 2049L Physics with Calculus 2 + Lab
- PHY 2049 + PHY 2049L
- OR
- GLY 1010 + GLY 1010L Physical Geology + Lab
- GLY 1010 + GLY 1010L

### ADDITIONAL LOWER DIVISION COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>COP 2805C Advanced Java Programming*</td>
<td>COP 3337</td>
</tr>
<tr>
<td>MAD 2104 Discrete Mathematics</td>
<td>MAD 2104</td>
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</tbody>
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*Course transfers as upper division.