Computer Science (Bachelor of Science)
2022-2023 Palm Beach State College Transfer Guide

Degree

Bachelor of Science in Computer Science
Course Catalog

Admission Requirements

- Completion of Associate in Arts (AA) degree
- Cumulative Transfer GPA: 2.0
- All prerequisites completed with a grade of C or better
- To be fully admitted to the program, students must be Calculus I ready (have completed MAC 1114 + MAC 1140 OR MAC 1147, with grades of C or better in each course).

Special Notes

- Students should take math and science courses every term to make timely progress towards the degree. Delaying math and science effectively delays enrolling in upper-division courses at FIU.
- 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.

PREREQUISITES

<table>
<thead>
<tr>
<th>PBSC Course</th>
<th>FIU Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP 2800 Java Programming</td>
<td>COP 2210</td>
</tr>
<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>
</tbody>
</table>

Choose one course and corresponding lab from each group:

Natural Sciences Group 1 (State Core Requirement):

- BSC 1010 + BSC 1010L Principles of Biology I  
- CHM 1045 + CHM 1045L General Chemistry & Qual Analysis I  
- PHY 2048 + PHY 2048L Physics w/ Calculus I

Natural Sciences Group 2 (Institution's Core Requirement):

- BSC 2011 + BSC 2011L Introduction to Biology II  
- CHM 1046 + CHM 1046L General Chemistry II  
- PHY 2049 + PHY 2049L Physics w/ Calculus II  
- GLY 2030C Environmental Geology with Lab

ADDITIONAL LOWER DIVISION REQUIREMENTS

<table>
<thead>
<tr>
<th>PBSC Course</th>
<th>FIU Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAD 2104 Special Topics in Mathematics: Discrete Math</td>
<td>MAD 2104</td>
</tr>
</tbody>
</table>