# Computer Science (Bachelor of Science)

## 2022-2023 Palm Beach State College Transfer Guide

**College of Engineering & Computing**

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### 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>
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</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>
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</tbody>
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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>
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<tbody>
<tr>
<td>MAD 2104 Special Topics in Mathematics: Discrete Math</td>
<td>MAD 2104</td>
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