**Computer Science (Bachelor of Science)**
2022-2023 Miami Dade College Transfer Guide

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**Degree**

Bachelor of Science in Computer Science

**Course Catalog**

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**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 a grade 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.

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### PREREQUISITES

<table>
<thead>
<tr>
<th>MDC Course</th>
<th>FIU Course</th>
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<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>
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<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 2010 + BSC 2010L 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 1010 + GLY 1010L Physical Geology

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### ADDITIONAL LOWER DIVISION REQUIREMENTS

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<thead>
<tr>
<th>MDC Course</th>
<th>FIU Course</th>
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<tbody>
<tr>
<td>MAD 2104 Discrete Math</td>
<td>MAD 2104</td>
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