

# Computer Science (Bachelor of Science)

## 2022-2023 Miami Dade College Transfer Guide



College of Engineering & Computing



### Degree

[Bachelor of Science in Computer Science](#)

Tracks: *Computer Science* and *Software Design & Development*

[Course Catalog](#)

### Advising Information

<https://cec.fiu.edu/academics/student-resources/advising/advising-undergraduate/advising-staff>

### 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 at MDC in order to make efficient progress towards the degree. Delaying math and science effectively delays graduation as such courses are prerequisites for upper level engineering coursework at FIU.

### PREREQUISITES

MDC Course	FIU Course
COP 2800 Java Programming	COP 2210
MAC 2311 Calculus and Analytical Geometry 1	MAC 2311
MAC 2312 Calculus and Analytical Geometry 2	MAC 2312
PHY 2048 + PHY 2048L Physics w/ Calculus 1 + Lab	PHY 2048 + Lab
PHY 2049 + PHY 2049L Physics w/ Calculus 2 + Lab	PHY 2049 + Lab

### ADDITIONAL LOWER DIVISION REQUIREMENTS

MAD 2104 Discrete Mathematics	MAD 2104
-------------------------------	----------

**Choose TWO additional courses from the following (lab not required):**

BSC 2010 Principles of Biology 1	BSC 2010
OR	
BSC 2011 Principles of Biology 2	BSC 2011
OR	
CHM 1045 General Chemistry & Qual Analysis 1	CHM 1045
OR	
CHM 1046 General Chemistry & Qual Analysis 2	CHM 1046
OR	
GLY 1010 Physical Geology	GLY 1010
OR	
GLY 1100 Historical Geology	GLY 1100