

Computer Science (Bachelor of Science)

2024-2025 Miami Dade College Transfer Guide



College of Engineering & Computing



Degree

[Bachelor of Science in Computer Science](#)
[Course Catalog](#)

Admission Requirements

- Complete Associate in Arts (AA) degree
- Complete 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 course below is required for this program. We encourage students to take the course (as an elective) prior to completing the AA.

PREREQUISITES

MDC Course	FIU Course
MAC 2311 Calculus and Analytical Geometry 1	MAC 2311
MAC 2312 Calculus and Analytical Geometry 2	MAC 2312
COP 2800 Java Programming	COP 2210

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	BSC 2010 + BSC 2010L
OR	
CHM 1045 + CHM 1045L General Chemistry & Qualitative Analysis 1 + Lab	CHM 1045 + CHM 1045L
OR	
PHY 2048 + PHY 2048L Physics with Calculus I + Lab	PHY 2048 + PHY 2048L
OR	
ESC 1000 General Education Earth Science*	ESC 1000

**Lab not offered at MDC, complete at FIU after transfer.*

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

ADDITIONAL LOWER DIVISION COURSES

COP 2805C Advanced Java Programming**	COP 3337
<i>**Course transfers as upper division.</i>	
MAD 2104 Discrete Mathematics	MAD 2104