JMU

Computer Science

CS Check Sheet: CS 149 Start

YEAR 1   **Fall Semester**
☐ Intro to Programming (CS 149)
☐ Calculus with Functions (MATH 231)*

Spring Semester
☐ Advanced Programming (CS 159)
☐ Discrete Structures I (CS 227)
☐ Calculus with Functions II (MATH 232)*

YEAR 2   **Fall Semester**
☐ Algorithms & Data Structures (CS 240)
☐ Software Engineering (CS 345)

Spring Semester
☐ Computer Systems I (CS 261)
☐ Statistics (MATH 220, 229, or 318)

YEAR 3   **Fall Semester**
☐ Discrete Structures II (CS 327)
☐ Computer Systems II (CS 361)

Spring Semester
☐ CS Systems Elective
☐ 300/400 CS Elective (1 of 3)

YEAR 4   **Fall Semester**
☐ CS Algorithm Elective (CS 412 or 452)
☐ 300/400 CS Elective (2 of 3)

Spring Semester
☐ Programming Languages (CS 430)
☐ 300/400 CS Elective (3 of 3)

* many students opt to take the two-course calculus sequence (MATH 231 and MATH 232), but if you have the appropriate Math Placement score, you could take MATH 235 to fulfill your calculus requirement.

This document is provided as an advising resource only. Official curriculum requirements are listed in the JMU Undergraduate Catalog. In the case of discrepancies, the University Catalog is the official curriculum students must follow. This document was reviewed by Paige Normand, CS Advisor, August 2024.