



Computer Science

CS Check Sheet: Sophomore Start

YEAR 2

Fall Semester

- Intro to Programming (CS 149)
- Calculus with Functions I (MATH 231)*
- Statistics (MATH 220, 229, or 318)

Spring Semester

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

YEAR 3

Fall Semester

- Algorithms & Data Structures (CS 240)
- Software Engineering (CS 345)

Spring Semester

- Computer Systems I (CS 261)
- Discrete Structures II (CS 327)
- 300/400 CS Elective (1 of 3)

YEAR 4

Fall Semester

- Computer Systems II (CS 361)
- CS Algorithm Elective (CS 412 or 452)
- 300/400 CS Elective (2 of 3)

Spring Semester

- CS Systems Elective
- 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, September 2023.