Computer Science

## CS Check Sheet: CS 149 Start

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YEAR 1 Fall Semester
    \square \mp@code { I n t r o ~ t o ~ P r o g r a m m i n g ~ ( C S ~ 1 4 9 ) }
    \square \text { Calculus with Functions (MATH 231)*}
    Spring Semester
    \squareAdvanced Programming (CS 159)
    Discrete Structures I (CS 227)
    \squareCalculus with Functions II (MATH 232)*
YEAR 2 Fall Semester
     Algorithms & Data Structures (CS 240)
    \square \text { Software Engineering (CS 345)}
    Spring Semester
    Computer Systems I (CS 261)
    \square \text { Statistics (MATH 220, 229, or 318)}
YEAR 3 Fall Semester
    Discrete Structures II (CS 327)
    \squareComputer Systems II (CS 361)
    Spring Semester
    CS Systems Elective
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YEAR 4 Fall Semester
    \square \text { CS Algorithm Elective (CS 412 or 452)}
    \square300/400 CS Elective (2 of 3)
    Spring Semester
    \square Programming Languages (CS 430)
    300/400 CS Elective (3 of 3)
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* 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.

