13 CS Core Courses

MATH 12002 Calculus I
Math 3**
MATH 12003 Calculus II

3 Math Courses

13+3+6
2017 Course Map to a BS in Computer Science

Use 6 CS Electives to build concentration(s) or breadth

- CS 3/4xxxx Upper Div. Elective 1
- CS 3/4xxxx Upper Div. Elective 2
- CS 3/4xxxx Upper Div. Elective 3
- CS 3/4xxxx Upper Div. Elective 4
- CS 3/4xxxx Upper Div. Elective 5
- CS 3/4xxxx Upper Div. Elective 6

*CS 13011: CS-IA Procedural Programming
*CS 13012: CS-IB Object Oriented Programming
CS 23022 Discrete Structures
CS 23001:CS-II Data Structures
CS 35101 Computer Architecture
CS 35201 Computer Networks
CS 33901 Software Engineering
CS 33007 Database Design
CS 33101 Programming Languages
CS 33211 Operating Systems
CS 44001:CS-III Programming Patterns
CS 33901 Computer Architecture
CS 49901 Capstone OR CS 4xxxx Practicums

Use 6 CS Electives to build concentration(s) or breadth

* Can be MATH 22005 Calculus III, MATH 21001 Linear Algebra, OR MATH 30011 Probability & Statistics