14 CS Core Courses

- *CS 13011: CS-IA Procedural Programming
- *CS 13012: CS-IB Object Oriented Programming
- CS 23022 Discrete Structures
- CS 35101 Computer Organization
- CS 33211 Operating Systems
- CS 32301 Human Interface Computing
- CS 44001:CS-III Programming Patterns
- CS 33101 Programming Languages
- CS 35201 Computer Networks
- CS 33901 Software Engineering
- CS 33007 Database Design
- CS 46101 Algorithms

14+5+4
2021-22 Course Map to a BS in Computer Science
Concentration: Data Engineering

4 Math Courses
- MATH 12002 Calculus I
- Math 20011 Decision Making Under Uncertainty
- MATH 21002 Applied Linear Algebra
- MATH 12013 Brief Calculus II

Use 5 CS Electives to build concentration(s) or breadth

- CS 43016 Big Data Analytics
- CS 43105 Data Mining Techniques

Half Semester Courses
- Co-requisite
- Pre-requisite

Upper Div. Elective
- CS 3/4xxxx
- CS 4xxxx