Computer Science Minor
2021-2022 Curriculum Chart

CSE 20
Beginning Programming in Python

CSE 30
Programming Abstractions: Python

CSE 12
Computer Systems and Assembly Language

ECE 13
Computer Systems and C or CSE 13S

CSE 101
Algorithms and Abstract Data Types

MATH 11A or 19A
Calculus

MATH 11B or 19B
Calculus

CSE 16
Applied Discrete Mathematics

AM 10
Math Methods for Engrs I or MATH 21
Linear Algebra

Upper Division
ELECTIVE

Upper Division
ELECTIVE

Upper Division
BREADTH COURSE

Upper Division
BREADTH COURSE

Breadth Course List: (Choose two upper division electives from the following list)

CSE 102
CSE 103
CSE 110A
CSE 112
CSE 115A
CSE 120
CSE 130
CSE 132
CSE 138
CSE 140
CSE 142
CSE 143
CSE 160/L
CSE 180

♣ The combination of CSE 160 and 160L counts as one course

Notes:
♣ Any Upper Division Computer Science and Engineering (CSE) course numbered between 100-169 or 180-189. CSE 101 is excluded as it is a minor requirement. Upper Division Elective course must be at least 5 credits.

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# Computer Science Minor
## 2021-2022 Curriculum Chart

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**Student Name:**

**Staff Advisor:**