Computer Science Minor
2018-2019 Curriculum Chart

*CMPS 12A/L
Intro to Prog. (Accelerated)

OR

CMPS 11
Intermediate Programming

*CMPE 13/L
Computer Systems and C Programming

OR

CMPS 12B/M
Data Structures

*CMPS 13H/L
Intro to Prog. & Data Structures (Honors)

Students may take CMPS 13H/L in lieu of both CMPS 12A/L and CMPS 12B/M

MATH 11A
or 19A or 20A
Calculus

MATH 11B
or 19B or 20B
Calculus

*MATH 11B or 19B or 20B, plus one from the following: AMS 10, 131 MATH 21, 22, 23A

*CMPS 101
Abstract Data Types

*AMS 10
Engr Math Methods I
or
*MATH 21
Linear Algebra

*CMPE 16
Discrete Math

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)

CMPE 110
CMPS 102
CMPS 104A
CMPS 111
CMPS 112
CMPS 115
CMPS 122
CMPS 128
CMPS 130
CMPS 140
CMPS 142
CMPS 143
CMPS 160/L
CMPS 180

Notes:
* Check catalog/SoE course descriptions for pre-requisites.
▲ Any Upper Division Computer Science course with number 190 or below. (must be at least 5 credits)

https://undergrad.soe.ucsc.edu • advising@soe.ucsc.edu • (831) 459-5840 • 6/4/18
### Computer Science Minor
#### 2018-2019 Curriculum Chart

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**Student Name:**

**Staff Advisor:**