Computer Science Minor
2017-2018 Curriculum Chart

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

OR

CMPS 11
Intermediate Programming

CMPS 5J
Intro to Prog: Java

OR

CMPE 13/L
Computer Systems and C Programming

CMPS 12B/M
Data Structures

**OR

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

* Students may take CMPS 13/L in lieu of another introductory programming class + data structures.

MATH 11A or 19A or 20A
Calculus

MATH 11B or 19B or 20B
Calculus

*AMS 10
Engr Math Methods I

or

*MATH 21
Linear Algebra

*CMPS 101
Abstract Data Types

• CMPS 12B/M or CMPS 13H/L, CMPE 16, MATH 19B,
  plus one from the following: AMS 10, MATH 21, 22, 23A

*CMPS 101

Upper Division
ELECTIVE

Upper Division
ELECTIVE

Upper Division
Breath Course

Upper Division
Breath 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)
## Computer Science Minor
### 2017-2018 Curriculum Chart

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Student Name:**

**Staff Advisor:**