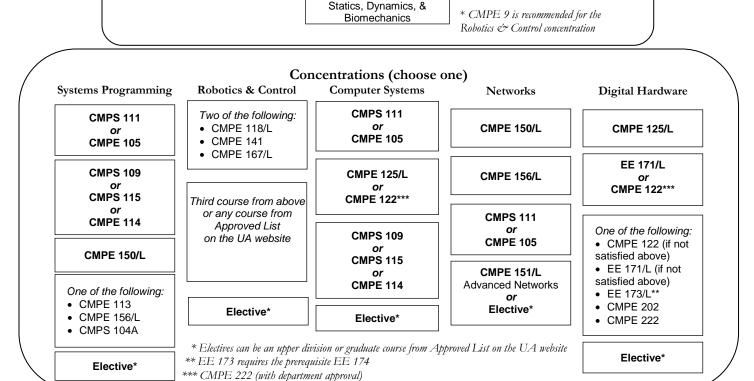
# Computer Engineering B.S. Degree 2018-2019 Curriculum Chart

#### **Math Courses** Core Courses CMPE 12/L **CMPE 121/L CMPS 12B/M CMPE 16 MATH 19A** Computer Microprocessor Calculus I Discrete Math **Data Structures** Systems & System Design Assembly Lang. **AMS 10\* CMPS 101 CMPE 185 # MATH 19B** CMPE 13/L Algorithms & Engr. Math Calculus II **Technical Writing** Methods I Computer Abstract Data Systems & C Types or **MATH 21** Programming **MATH 23A** Linear Algebra Multivariable **CMPE 110** EE 101/L Calculus **CMPE 100/L Electronic Circuits** Computer **AMS 20** Architecture Logic Design Engr. Math EE 103/L Methods II Signals & Systems **CMPE 107** Probability & \* Strongly recommended Statistics # Satisfies the DC requirement **Science Courses** PHYS 5B/M PHYS 5A/L PHYS 5C/N Waves & Optics Mechanics Electricity & Magnetism



**CMPE 9\*** 

## Capstone (choose one option)

**CMPE 123A, 123B** Capstone Project 1 & 11

**CMPE 129A, 129B** & 129C Capstone Project I, II, & III

CMPS 115, 116, & 117 Software Capstone Project I, II, & III

**CMPE 195** Senior Thesis

### Exit Requirements

- Portfolio
- Exit Survey
- Exit Interview See back for more info

# Computer Engineering B.S. Degree 2018-2019 Curriculum Chart

Fall	Winter	Spring	Summer
Fall	Winter	Spring	Summer
Fall	Winter	Spring	Summer
Fall	Winter	Spring	Summer
	Division Electives	•	•

#### **Exit Requirements**

- Portfolio
  - https://www.soe.ucsc.edu/departments/computer-engineering/undergraduate/undergraduate-portfolio
- Exit Survey
  - https://undergrad.soe.ucsc.edu/exit-survey
- Exit Interview 3.

#### Notes:

- The School of Engineering has different major declaration deadlines than the UCSC Academic/Administrative calendar. Our deadlines and process can be found on: https://ua.soe.ucsc.edu/declare-your-major
- All students admitted to a School of Engineering major, or seeking admission to a major, must take all courses required for that major for a letter grade.
- Courses in which you receive a grade of C-, D+, D, or D- earn credit toward graduation, but cannot be used to satisfy a major requirement or a general education requirement, and cannot satisfy a prerequisite for another course.
- In addition to this list, any 5-unit CE, CS, or EE graduate course (200+) may also be used as an elective.
- At most, only one elective may be substituted by an upper-division individual or field study (CMPE, CMPS, EE 193 or 198) with approval.

Student Name:
Staff Advisor:
Faculty Advisor:
☐ I have discussed the BS/MS program with my advisor.