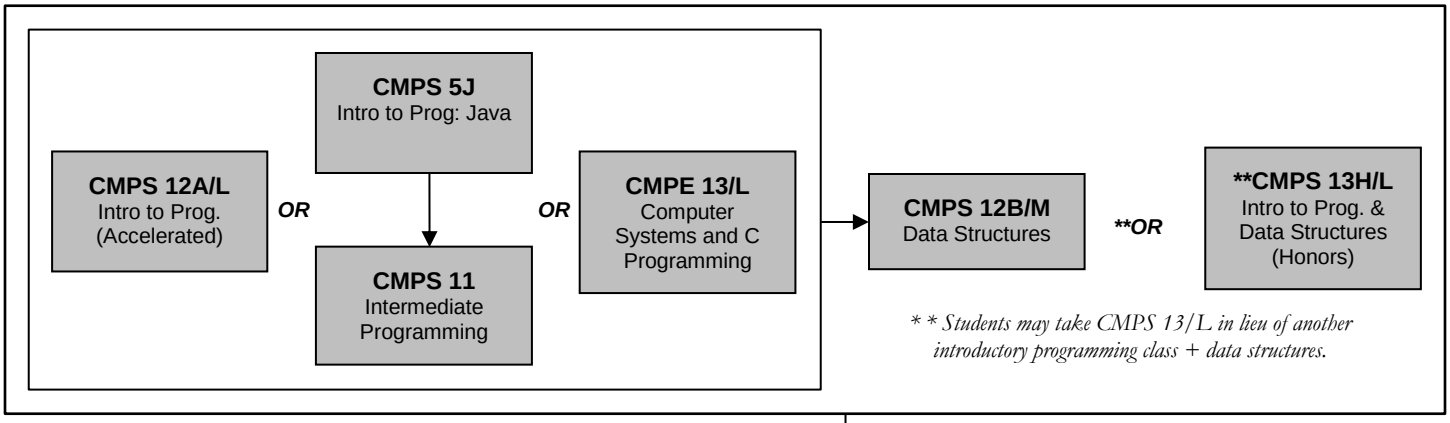
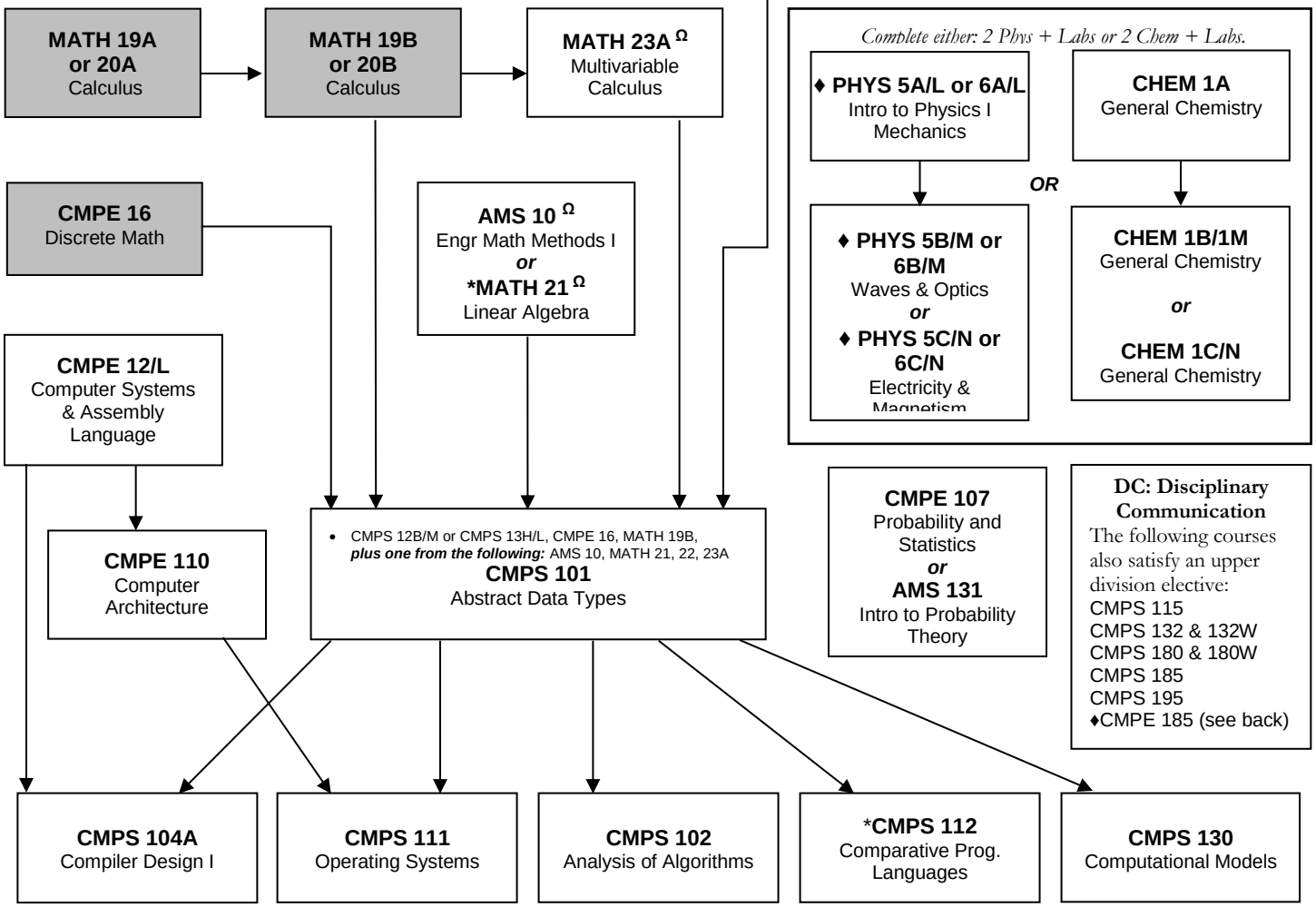
Computer Science B.S. Degree
2016-2017 Curriculum Chart





Additional Electives: Four upper-division computer science or computer engineering courses with course number 190 or below, or CMPE 195. One of these courses may be replaced by one of the upper-division mathematics courses listed on the back

Upper Division **ELECTIVE (♣Capstone)**	Upper Division **ELECTIVE (DC)**	Upper Division **ELECTIVE**	Upper Division **ELECTIVE**
_____	_____	_____	_____

Comprehensive Requirement - Students have two options to fulfill the Computer Science exit requirement:

1. Pass one of the Capstone Courses (which can also fulfill an elective requirement, see ♣ on back for courses)
2. Successfully complete a Senior Thesis.

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Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Math Electives List

AMS 114
AMS 147
MATH 115
MATH 117
MATH 126
MATH 148

Capstone Courses

CMPS 104B ♣
CMPS 117 ♣
CMPS 161/L ♣
CMPS 162/L ♣
CMPS 181 ♣

Notes:

- 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.
- Shaded boxes represent major qualification courses. Major qualification requirements for this major can be found at: **https://ua.soe.ucsc.edu/major-qualification**
- Many graduate courses can also be used to satisfy electives; however, students will need instructor and department approval.
- Students may not receive credit for both AMS 131 and CMPE 107.
- At most, only one elective may be substituted by a course from the Math Electives list.
- The School of Engineering has different major declaration deadlines than the UCSC Academic/Administrative calendar. Our deadlines and process can be found on: **http://ua.soe.ucsc.edu/declare**

● Course prerequisites.
♦ Enrollment restricted to majors in Computer Engineering, Electrical Engineering, Bioengineering, Bioinformatics, Robotics Engineering, or Network and Digital Technology, or by permission of instructor.
♣ Course satisfies the Computer Science Comprehensive Requirement and an elective requirement.
Ω Only one course (Math 23A or AMS 10/Math 21) is required as a pre-requisite for CMPS 101 but both Math 23A and either AMS 10 or Math 21 must be taken to fulfill the major requirements.

Student Name:

Staff Advisor:

Faculty Advisor: