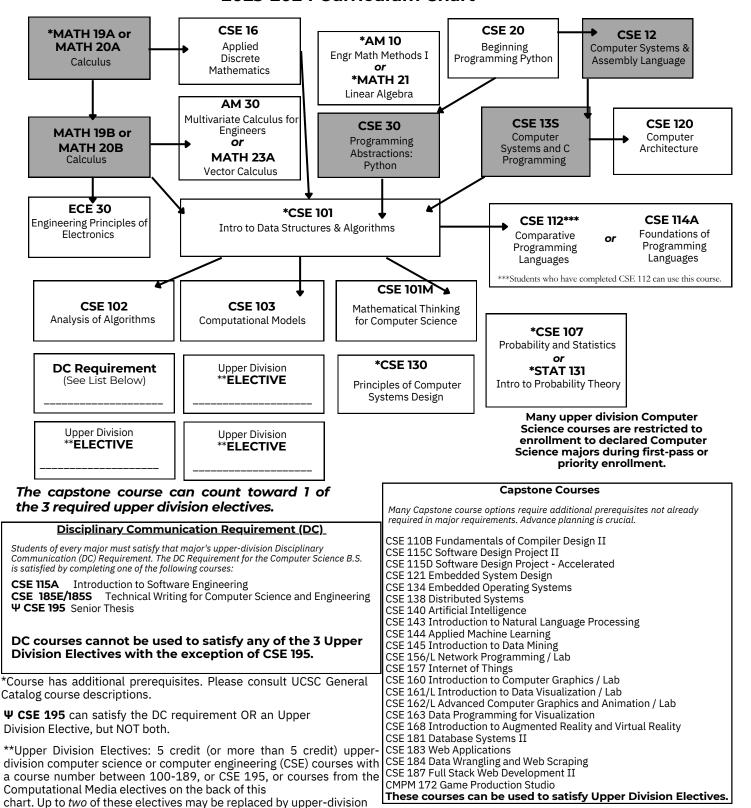
Computer Science B.S. Degree 2023-2024 Curriculum Chart



CSE 115A, CSE 185S, or CSE 185E cannot be used to satisfy one of the three upper-division elective requirements.

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

- 1. Pass one of the Capstone Courses _____
- 2. Successfully complete a Senior Thesis.

mathematics electives listed on the back.

<u>Disciplinary Communication Requirement</u> - Students have two options to fulfill the DC requirement:

- Pass one of the Disciplinary Communication Courses
- 2. Successfully complete a Senior Thesis.

Computer Science B.S. Degree 2023-2024 Curriculum Chart

Fall	Winter	Spring	Summer
Fall	Winter	Spring	Summer
		, ,,	
Fall	Winter	Spring	Summer
		, ,,	
Fall	Winter	Spring	Summer
		-	
Mathematic	s Electives List	Computational N	Media Electives List
AM 114 Introduction to Dynamical Systems		CMPM 120 Game Development Experience	
AM 147 Computational Methods and Applications		CMPM 131 User Experience for I CMPM 146 Game AI	nteractive Media
MATH 110 Introduction to Number Theory MATH 115 Graph Theory		CMPM 163 Game Graphics and R	Real-Time Rendering
MATH 116 Combinatorics MATH 117 Advanced Linear Algebra		CMPM 164/L Game Engines / Lab CMPM 171 Game Design Studio	
MATH 118 Advanced Number Theory MATH 134 Cryptography		CMPM 172 Game Production Stu	dio
MATH 145/L Introductory Chaos Theory / Lab			
MATH 148 Numerical Analysis MATH 160 Mathematical Logic I			
MATH 161 Mathematical Logic II STAT 132 Classical and Bayesian Infer	ence		
One of the following combinations: [PHYS 5A and PHYS 5B] OR [PHYS 5A			
and PHYS 5C] OR [PHYS 6A and PHYS	66B] OR [PHYS 6A and PHYS 6C]***		

- All courses being applied to requirements for the Computer Science major must be taken for a letter grade. Grades of P will not count toward major requirements.
- 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. The full major qualification requirements for this major can be found at:
- https://undergrad.soe.ucsc.edu/major-qualification-requirements
- Many graduate courses can also be used to satisfy electives; however, students will need instructor and department approval.
- The Baskin Engineering major declaration process requires an earlier start than the deadline on the UCSC Academic/Administrative calendar. Our deadlines and process can be found on: http://undergrad.soe.ucsc.edu/current-students/declare-your-major
- *** Physics courses have co-requisite labs required for enrollment. These associated labs are not part of the Computer Science B.S. major requirements.

Student Name:

Staff Advisor Signature: