

UCSB College Of Creative Studies Requirements for Physics Majors B.S.

For students who join CCS Physics Program in Fall 2026 or later

	Min Units
Math and Chemistry Requirements	36
Chem 1A, 1B or 2A, 2B (*)	6
(*) Covered by AP Chemistry with score 4, or 5	
Math 3A-B, 4A-B, 6A-B	24
Math 8 or Math Elective	4
PHYS 29	2

	Max Units
Introductory Physics Courses	32
Must earn minimum of 3 units per CS31-36 courses	

PHYS CS140VA	2
PHYS CS31	5
PHYS CS32	5
PHYS CS33	5
PHYS CS34	5
PHYS CS35	5
PHYS CS36	5

	Max Units
Sophomore Physics Lab Courses	12
Must earn minimum of 2 units	
Phys CS15A	4
Phys CS15B	4
Phys CS15C	4

	Units
Upper Division Physics Core	56
Must be taken for letter grade	
PHYS 100A	4
PHYS 100B	4
PHYS 103	4
PHYS 104	4
PHYS 110A	4
PHYS 110B	4
PHYS 115A	4
PHYS 115B	4
PHYS 115C	4
PHYS 119A	4
PHYS 119B	4
PHYS 127AL	4
PHYS 128AL (***)	4
PHYS 128BL, 127BL, 129L, 134L (***)	4

(***) Advisor approval required to substitute these two classes with the senior thesis

		Min Units
Upper Division Physics Electives		10
Minimum 3 units. Must be taken for letter grade, unless taken in CCS.		
Three courses must be chosen from list or approved by advisor.		
PHYS CS 140	PHYS 132	PHYS 141
PHYS 106	PHYS 133	PHYS 126L
PHYS 118	PHYS 135	PHYS 127BL
PHYS 120	PHYS 136	PHYS 129L
PHYS 123A-B	PHYS 137	PHYS 134L
PHYS 125	PHYS 138	PHYS 186
PHYS 131	PHYS 139	PHYS 150

	Units
Math, Science, Engineering Electives (Two nonphysics classes)	6
Minimum 3 units. Must be taken for letter grade, unless taken in CCS.	
Courses subject to advisor approval.	
1	
2	

	Units
GE: Breadth Requirements (see instructions)	24
Minimum of 8 courses required. Courses subject to advisor approval.	
No more than 2 classes from the same department, no more than 2 language classes.	
1	5
2	6
3	7
4	8

Requirements	
Research requirement (*):	
(*) Senior Thesis or other research experience as approved by CCS physics advisor	
US History&Institutions (**):	
Ethnicity:	
Writing:	
(**) US H&I is covered by AP US History or Government with score 3, 4, or 5	

Total units required for graduation	180
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Minimum grade for all required non-CCS courses: C-
Minimum GPA for upper-division Physics courses: 2.0