

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

For students who join CCS Physics Program in fall 2025 or later

Min Units	36
Math and Chemistry Requirements	

Must be taken for letter grade, unless taken in CCS

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

(**) Could be waived by advisor

Max Units	32
Introductory Physics Courses	

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	12
Sophomore Physics Lab Courses	

Must earn minimum of 2 units

Phys CS15A 4

Phys CS15B 4

Phys CS15C 4

Units	54
Upper Division Physics Core	

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	10
Upper Division Physics Electives	

Minimum 3 units. Must be taken for letter grade, unless taken in CCS

Three courses must be chosen from this list or approved by advisor

PHYS CS 140 PHYS 131 PHYS 127BL

PHYS 106 PHYS 132 PHYS 129L

PHYS 120 PHYS 133 PHYS 134L

PHYS 123A-B PHYS 135

PHYS 125 PHYS 141

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Units	6
Math, Science, Engineering Electives (Two nonphysics classes)	

Minimum 3 units. Must be taken for letter grade, unless taken in CCS

Courses subject to advisor approval

1	
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2	
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Units	24
GE: Breadth Requirements (see instructions)	

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
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2	6
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3	7
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4	8
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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