

PHYSICS DEGREE REQUIREMENTS

Basic Requirements

- Math 2A Math 2B Math 2D
- Math 2E Math 3A Math 3D

- Physics 7C-7D-7E-7LC-7LD
- Physics 50 Physics 60
- Physics 61A
- Physics 61B **OR** 61C
- Physics 52A
- Physics 52B
- Physics 52C
- Physics 53 (or another programming course)

- Physics 111A Physics 111B
- Physics 112A Physics 112B
- Physics 113A
- Physics 115A
- Physics 121W
- Physics 125A
- Physics 194

Five additional coherently related four-unit courses (these are normally satisfied by tracks, concentrations, or specializations)*.

- _____ _____
- _____ _____
- _____

*Note: Tracks, concentrations and specializations usually require *six or more* coherently related courses.

Specialization in Astrophysics

In place of the five coherently related courses, students take:

- Physics 61C Physics 139

Three courses from:

Physics 137, 138, 144, 145

- _____
- _____
- _____

Two approved upper division Physics electives

- _____
- _____

Concentration in Philosophy of Physics

In place of the five coherently related courses, students take:

- LPS 31 Physics 113B

One course selected from:

LPS 40, 60, H80, H125
Soc Sci H1G

- _____

One course selected from:

LPS 30, 104, 105A, 105B, 105C
Math 150

- _____

One course selected from:

LPS 104, 105A, 105B, 105C, 140
Math 150

- _____

Three courses selected from:

LPS 141A, 141B, 141C, 141D

Or another approved Philosophy of Physics course

- _____
- _____
- _____

Concentration in Computational Physics

In place of the five coherently related courses, students take:

- ICS 31 ICS 32 ICS 33
- Math 105A-105LA
- Math 105B-105LB
- Math 107-107L

Concentration in Physics Education

In place of the five coherently related courses, students take:

- Phy Sci 5 Phy Sci 105
- Educ 55 Physics 193

Four courses selected from:

Bio Sci 1A, 93, 94
Chem 1A, 1B, 1C
ESS 1, 7
Physics 20A, 20B

- _____ _____
- _____ _____

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Secondary Teaching Certification Option:

With additional coursework and field experience, students who complete the Concentration in Physics Education can also earn a California Preliminary Single Subject Teaching Credential in four years with careful, early planning.

All of the following are required:

- LPS 60 Educ 109
- Educ 143AW Educ 143BW
- Educ 148
- Educ 158 Educ 158
(two quarters required)

**Educ 143A-B and 148 will be accepted in lieu of Physics 125A and 194.

**UCI SCHOOL OF PHYSICAL SCIENCES
UNIVERSITY / GENERAL EDUCATION REQUIREMENTS**

NAME _____ **STUDENT ID** _____

Other Colleges _____

UNIVERSITY REQUIREMENTS:

English (UC ELW) _____ American History _____ Institutions _____

RESIDENCY REQUIREMENTS:

36 of the final 45 units must be completed at UCI _____

UNIT REQUIREMENT: 180 units are required for graduation _____

GPA REQUIREMENT AND STANDING:

Overall GPA of 2.0 _____ GPA in major at least a 2.0 _____

GPA in upper-division major classes at least a 2.0 _____

TRANSFER STUDENTS:

Partial IGETC _____

Full IGETC _____

cert received? yes _____ no _____

General Education (GE) Requirements	Fall	Winter	Spring
I. Writing (2 lower-division, 1 upper-division) <input type="checkbox"/>	Freshman		
1.	Math 2B	Math 2D	Math 2E
2.	Physics 7C, 7LC	Physics 7D, 7LD	Physics 7E
3.	Physics 99	GEN ED	GEN ED
	Writing/GEN ED		
II. Science & Technology (any 3) <input type="checkbox"/>	Sophomore		
1.	Math 3A	Math 3D	Physics 53
2.	Physics 52A	Physics 61A	Physics 61B
3.	Physics 60	Physics 52B	Physics 52C
	GEN ED		GEN ED
III. Social & Behavioral Sciences (any 3) <input type="checkbox"/>	Junior		
1.	Physics 50	Physics 111B	Physics 113A
2.	Physics 111A	Physics 112A	Physics 112B
3.	Elective	Elective	Elective
IV. Arts & Humanities (any 3) <input type="checkbox"/>	Senior		
1.	Physics 115A	Physics 121W	Elective
2.	Physics 194	Physics 125A	Elective
3.	Elective	Elective	Elective
V. Quantitative, Symbolic and Computational Reasoning <input type="checkbox"/>	(sample program, your schedule may differ greatly)		
Va.			
Vb.			
Va or Vb.			
VI. Language Other than English <input type="checkbox"/>	Physics Department: http://www.physics.uci.edu/		
1C or equivalent	For enrollment questions: http://www.physics.uci.edu/physics-enrollment-policies		
	Physics tutoring: http://www.physics.uci.edu/ugrad/why		
VII. Multicultural Studies (one course) <input type="checkbox"/>	How to find research: http://www.physics.uci.edu/ugrad/res		
VIII. International/Global Issues (one course) <input type="checkbox"/>			