

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	
I. Writing (2 lower-division, 1 upper-division)	<input type="checkbox"/>
1.	
2.	
3.	
II. Science & Technology (any 3)	<input type="checkbox"/>
1.	
2.	
3.	
III. Social & Behavioral Sciences (any 3)	<input type="checkbox"/>
1.	
2.	
3.	
IV. Arts & Humanities (any 3)	<input type="checkbox"/>
1.	
2.	
3.	
V. Quantitative, Symbolic and Computational Reasoning	<input type="checkbox"/>
Va.	
Vb.	
Va or Vb.	
VI. Language Other than English	<input type="checkbox"/>
1C or equivalent	
VII. Multicultural Studies (one course)	<input type="checkbox"/>
VIII. International/Global Issues (one course)	<input type="checkbox"/>

Fall	Winter	Spring
Freshman		
Math 2B	Math 2D	Math 2E
Physics 7C, 7LC	Physics 7D, 7LD	Physics 7E
Physics 99	GEN ED	GEN ED
Writing/GEN ED		
Sophomore		
Math 3A	Math 3D	Physics 53
Physics 52A	Physics 61A	Physics 61B
Physics 60	Physics 52B	Physics 52C
GEN ED		GEN ED
Junior		
Physics 50	Physics 111B	Physics 113A
Physics 111A	Physics 112A	Physics 112B
Elective	Elective	Elective
Senior		
Physics 115A	Physics 121W	Elective
Physics 194	Physics 125A	Elective
Elective	Elective	Elective

(sample program, your schedule may differ greatly)

Physics Department:

<http://www.physics.uci.edu/>

Enrollment questions:

<http://www.physics.uci.edu/physics-enrollment-policies>

Physics tutoring:

<http://www.physics.uci.edu/undergrad-program/academic-help>

How to find research:

<http://www.physics.uci.edu/undergrad-program/research>