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)

**Note:** 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____

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(sample program, your schedule may differ greatly)

Physics Department:
http://www.physics.uci.edu/
For enrollment questions:
http://www.physics.uci.edu/physics-enrollment-policies
Physics tutoring:
http://www.physics.uci.edu/ugrad/why
How to find research:
http://www.physics.uci.edu/ugrad/res

General Education (GE) Requirements

I. Writing (2 lower-division, 1 upper-division)
1. 
2. 
3. 

II. Science & Technology (any 3)
1. 
2. 
3. 

III. Social & Behavioral Sciences (any 3)
1. 
2. 
3. 

IV. Arts & Humanities (any 3)
1. 
2. 
3. 

V. Quantitative, Symbolic and Computational Reasoning
Va. 
Vb. 
Va or Vb.

VI. Language Other than English
1C or equivalent

VII. Multicultural Studies (one course)

VIII. International/Global Issues (one course)