## 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 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 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, 151, 152

□ □ □ □

**One** course selected from:

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

Math 150, 151, 152

History 135D (when topic is Physics)

Or another approved course

□ □ □ □

**Three** courses selected from:

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

Or another approved Philosophy of Physics course

□ □ □ □

**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 143A □ Educ 143B
- □ 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 _____

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<td>Writing/GEN ED</td>
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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

Student Affairs (Academic Counseling): http://ps.uci.edu/~stuaff