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
☐ __________

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____

<table>
<thead>
<tr>
<th>General Education (GE) Requirements</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>I. Writing (2 lower-division, 1 upper-division)</td>
<td>Freshman</td>
<td>Math 2B</td>
<td>Math 2D</td>
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<tr>
<td></td>
<td>Physics 7C, 7LC</td>
<td>Physics 7D, 7LD</td>
<td>Physics 7E</td>
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<td>Physics 99</td>
<td>GEN ED</td>
<td>GEN ED</td>
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<tr>
<td></td>
<td>Writing/GEN ED</td>
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<tr>
<td>II. Science &amp; Technology (any 3)</td>
<td>Sophomore</td>
<td>Math 3A</td>
<td>Math 3D</td>
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<td></td>
<td>Physics 52A</td>
<td>Physics 61A</td>
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<td>Physics 60</td>
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<td>Physics 61B</td>
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<td>GEN ED</td>
<td>GEN ED</td>
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<tr>
<td>III. Social &amp; Behavioral Sciences (any 3)</td>
<td>Junior</td>
<td>Physics 50</td>
<td>Physics 111B</td>
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<td>Physics 111A</td>
<td>Physics 112A</td>
<td>Physics 113A</td>
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<td>Elective</td>
<td>Elective</td>
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<tr>
<td>IV. Arts &amp; Humanities (any 3)</td>
<td>Senior</td>
<td>Physics 115A</td>
<td>Physics 121W</td>
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<td>Physics 194</td>
<td>Physics 125A</td>
<td>Elective</td>
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<td>Elective</td>
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</tr>
</tbody>
</table>

(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