B.S. APPLIED PHYSICS DEGREE REQUIREMENTS

A. Core Requirements:

Students must complete all courses

□Math 2A OR Math 5A

 \Box Math 2B \Box Math 2D

 \Box Math 2E \Box Math 3A

□Math 3D

□Physics 7C-7D-7E-7LC-7LD **OR** Physics 3A-3B-3C-3LB-3LC

*Physics 7 series is strongly recommended for majors.

 \Box Physics 50

□Physics 53 (or approved alternate programming course)

□Physics 60 **OR** Chem 1C/H2C/M3C **OR** ENGRMAE 91

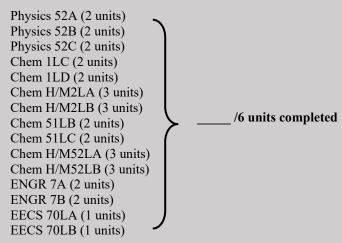
□Physics 61A **OR** Physics 51A

□Physics 111A □Physics 112A

□Physics 113A □Physics 115A

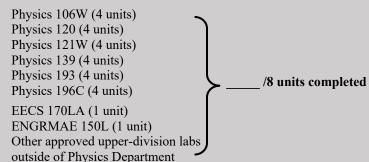
B. Lower-Division Lab Requirement:

□ Students must complete 6 units of labs using any combination of the following courses



C. Upper-Division Lab Requirement:

□ Students must complete 8 units of upper-division lab courses, 4 units must be in Physics selecting from the following courses



D. Writing Communication Requirement:

□ Students must complete one writing communication course selected from the following

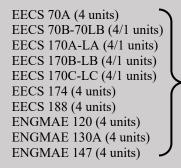
Physics 194 Phy Sci 139W Educ 143BW One approved upper-division writing course with departmental approval

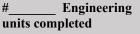
E. Elective Requirement:

The major requires 32 additional units of coherently related elective courses chosen from PHYS 100-150 and/or 200-299 with approval from the Department Undergraduate Advisor. Up to 8 units may be lower-division electives in Physics such as Physics 20, 61B, or H90.

Optional Concentration in Engineering Physics

For students in the Engineering Physics Concentration, at least 24 of the 32 elective units must come from courses in the Henry Samueli School of Engineering. Pre-approved courses include:





The remaining 8 units may be lower-division or upperdivision Physics courses, upper-division Math courses, or Engineering courses; plan requires pre-approval by the Department Undergraduate Advisor.

Optional Concentration in Biomedical Physics

For students in the Biomedical Physics Concentration, the coherently related elective requirement is completed by the following courses:

□Bio Sci 97 □Bio Sci 98 □Bio Sci 99

□Chem 1A-1B-1C-1LC-1LD **OR** Chem H2A-H2B-H2C-H2LA-H2LB **OR** Chem M2A-M2B-M3C-M2LA-M2LB

Chem 51A-51B OR Chem H/M52A-H/M52B

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	TRANSFER STUDENTS:		
UNIT REQUIREMENT: 180 units are required for graduation	Partial IGETC		
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	Full IGETC cert received? yes no		
General Education (GE) Requirements	Fall	Winter	Spring
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. 1.	Freshman Math 2B Physics 7C, 7LC Physics 99 Writing/GEN ED Sophomore Math 3A Physics 52A GEN ED Junior Physics 50	Math 2D Physics 7D, 7LD GEN ED Math 3D Physics 61A Physics 52B Physics 112A	Math 2E Physics 7E GEN ED Physics 53 Physics 52C Physics 60 Physics 113A
2. 3. IV. Arts & Humanities (any 3) 1. 2.	Physics 111A Elective/GEN ED Senior Physics 115A Physics 194 Elective	Elective/GEN ED Elective Physics 121W Elective Elective	Elective/GEN ED Elective Physics 106 Elective Elective
3. V. Quantitative, Symbolic and Computational Reasoning □ Va. Vb. Va or Vb. VI. Language Other than English 1C or equivalent	 (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 		
VII. Multicultural Studies (one course) □ VIII. International/Global Issues (one course) □			