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

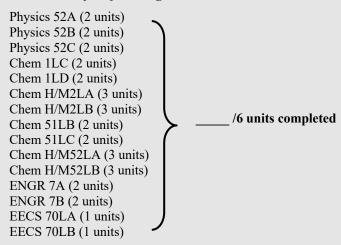
□Physics 61A **OR** Physics 51A

\Box Physics 111A \Box	Physics	112A
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□Physics 113A □Physics 115A

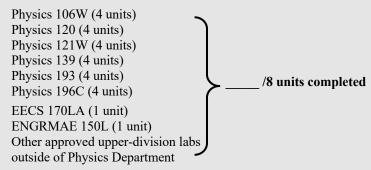
B. Lower-Division Lab Requirement:

□ 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

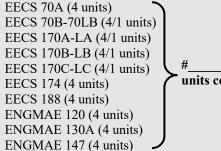
Physics 194 Phy Sci 139W Educ 143BW One approved upper-division writing course with departmental approval

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:



#_____ Engineering units completed

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

*Requirements in sections A/B/C/D/E may not double-count. Courses can only be applied toward one section.

Effective Fall 2021

UCI SCHOOL OF PHYSICAL SCIENCES UNIVERSITY / GENERAL EDUCATION REQUIREMENTS

NAME	STUDEN'	Г 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 GPA REQUIREMENT AND STANDING:	Partial IG Full IGET			
Overall GPA of 2.0 GPA in major at least a 2.0 GPA in upper-division major classes at least a 2.0	cert rec	eived? yes	no	
General Education (GE) Requirements I. Writing (2 lower-division, 1 upper-division) 1. 2.	Fall Freshman Math 2B Physics 7C, 7LC Physics 99	Winter Math 2D Physics 7D, 7LD GEN ED	Spring Math 2E Physics 7E GEN ED	
3. II. Science & Technology (any 3) 1. 2.	Writing/GEN ED Sophomore Math 3A Physics 52A GEN ED	Math 3D Physics 61A Physics 52B	Physics 53 Physics 52C Physics 60	
3. III. Social & Behavioral Sciences (any 3) 1. 2. 3.	Junior Physics 50 Physics 111A Elective/GEN ED	Physics 112A Elective/GEN ED Elective	Physics 113A Elective/GEN ED Elective	
IV. Arts & Humanities (any 3) 1. 2. 3.	Senior Physics 115A Physics 194 Elective	Physics 121W Elective Elective	Physics 106 Elective Elective	
Joint Structure Symbolic and Computational Reasoning Va. Va. Vb. Va or Vb. VI. Language Other than English 1C or equivalent VII. Multicultural Studies (one course) VIII. International/Global Issues (one course)	Physics Depart http://www.pi For enrollment http://www.pi Physics tutorin http://www.p How to find re	ment: hysics.uci.edu/ questions: hysics.uci.edu/ph g: hysics.uci.edu/ug		