

CSUSM General Education Requirements 2011-2012
Major: **APPLIED PHYSICS**

Requirement	Courses which meet requirement				MET	IP
	The ELM and EPT must be completed within your first year.					
ELM	Math 30 (check the General Catalog for list of exemptions)					
EPT	GEW 101 (check the General Catalog for list of exemptions)					
Area	sub area	# of courses	# of units	Courses which meet sub area	MET	IP
Choose one course from each sub area.						
A. Basic Skills	A1	1	3	GEO 102		
	A2	1	3	GEW 101		
	A3	1	3	LTWR 115, MATH 110, PHIL 110, PSYC 110		
Choose one course from each sub area.						
B. Mathematics and Natural Sciences	B1	1	3	PHYS 201*		
	B2	1	3	GES 103		
	B3 Lab	0-1	0-1	PHYS 201*		
	B4	1	3	MATH 125*, 160*, 162*, 260*		
Choose one course from each sub area. Except for AH 111, which may be completed twice, Area C courses must be from different disciplines.						
C. Arts and Humanities	C1	1	3	AH 111, DNCE 101, 124, FMST 100, MUSC 120, TA 120, VPA 101, VSAR 110, 120, 130, 222		
	C2	1	3	AH 111, HIST 101, 102, LTWR 100, 105, 107, 203, 206, 208, 210		
	C3	1	3	Select C3 designated courses from the following disciplines: ARAB, DNCE, FMST, FREN, GRMN, HIST, HUM, JAPN, LTWR, MUSC, PHIL, SPAN, TA, VPA, VSAR, MLAN, or any approved upper-division arts and/or humanities (CC) course.		
Choose one course from each sub area. Each course taken clears only one sub area.						
D. Social Sciences	D7	1	3	ANTH 200, GBST 100, GESS 101, 102, HD 101, PSYC 210, SOC 105, 205, WMST 101		
	D	1	3	ANTH 200, 215, GBST 100, ECON 202, GEOG 201, GESS 101, 102, HD 101, HIST 130, 131, PSYC 100, 210, 215, SOC 101, 105, 205, WMST 101		
	Dh	1	3	HIST 130 or 131		
	Dc, Dg	1	3	PSCI 100		
Choose one course for area E.						
E. Lifelong Learning	E	1	3	GEL 101 [^] , 110, 120, 200, KINE 306, PE 203, PSYC 104, SOC 203, 204, 303, 307, 309, 315, 317 [^] NOTE: GEL 101 is only available for first-time freshman for the first two semester or with consent of instructor		

LOWER-DIVISION PREPARATION FOR APPLIED PHYSICS (33 UNITS)	Units	MET	NEED
MATH 160 Calculus with Applications I (*MATH 125)	5		
MATH 162 Calculus with Applications II (*MATH 160)	4		
CS 111 Computer Science I	4		
PHYS 201 Physics of Mechanics & Sound (*MATH 160)	4		
PHYS 202 Physics of Electromagnetism & Optics (*PHYS 201)	4		
PHYS 203 Modern Physics (*PHYS 202)	4		
PHYS 280 Introduction to Electronics (*PHYS 202)	3		

Additional lower division requirements needed depending on option in Applied Physics

Area	Sub area	# of courses	# of units	★ READ THIS!!
BB. Upper-Division Math Science	Math 346#	1	3	★ UDGE must be taken <u>after</u> you have completed 60 units. ★ If you take the "BB", "CC" or "DD" courses prior to Junior status, the courses will <u>NOT</u> count to clear the UUDGE requirement. ★ UDGE may <u>NOT</u> be in the same discipline as your major (unless otherwise noted). # For Applied Physics majors only
CC. Upper-Division Arts and/or Humanities	Check the current class schedule for approved CC courses	1	3	
DD. Upper-Division Social Sciences	Check the current class schedule for approved DD courses	1	3	

LANGUAGE–OTHER–THAN ENGLISH REQUIREMENT
(High School coursework will not clear the requirement).

Requirement	# of courses	# of units	Courses	MET	IP
3 Semesters OR Approved intermediate-level language OR proficiency	0-3	0-11	101 (4 units)		
			102 (4 units)		
			201 (3 units) meets the requirement		
			OR		
			AP LANGUAGE EXAM with a score of 3 or higher AP Services www.collegeboard.com Phone: (609) 771-7300 or (888) 225-5427		
			LANGUAGE PROFICIENCY EXAM Language Learning Center: UH 240, (760) 750-8058 www.csusm.edu/loter/exam		
			TOEFL for admission		
			Took a CLEP and received the following minimum score: French Level II: 58 German Level II: 59 Spanish Level II: 62		
SPAN 250: Spanish for Spanish Speakers					

Languages other than English at CSUSM: ARABIC, FRENCH, GERMAN, JAPANESE AND SPANISH.

Undergraduate Advising Services:

Please visit our website to schedule an appointment: www.csusm.edu/academicadvising

Career Center:

For assistance in choosing a major, please contact the Career Center at (760) 750-4900 or visit www.csusm.edu/careers