



BACHELOR OF ARTS IN PHYSICS FOUR YEAR DEGREE WORKSHEET 2019-2020 Catalog

This degree worksheet is intended to help you develop a balanced course schedule while completing your degree within 4 years. The same sequence of courses (with fewer courses each semester) is also recommended for students completing their degree in 5 or 6 years. This worksheet is not intended to replace academic advising with your assigned advisor. Students should consult with their assigned advisor to determine the appropriate sequence of required courses and electives based on their academic goals. Please note that your Major Specific Requirements (MSRs) are **bolded** in the document and are also listed as an “MSR” in the notes column. These courses must be completed in order to declare your major. **All students must have a GPA of 2.25 or higher in the STEM MSR suite.**

Pre-Physics first-time freshmen must complete MATH 123 or higher **within one year of matriculation**. Some students may need to take courses during Summer Session to meet these requirements. Students who have not met the requirements by the required semester must either declare another major or meet with an Academic Advisor to determine if the student's performance in the courses merits an additional semester to complete.

CSULB Enrollment Services prepares the Academic Requirements Report, which is the official graduation verification.

Year 1

Semester	Course #	Course Title (Units)	Prerequisites	Notes
1	MATH 122 (area B4)	Calculus I (4)	Appropriate placement, MATH 111 and either 112B or 113	MSR
	PHYS 151	Mechanics and Heat (4)	<i>Pre/Corequisite: MATH 122, 123, or 224</i>	MSR
	GE (area A2)	Written Communication (3)	Composition I	MSR
	GE (area C,D,E)	Other Exploration (3)		
	NSCI 190A	Experience Success Program 1 (1)		Fall only
2	MATH 123 (area B4)	Calculus II (4)	MATH 122	MSR
	PHYS 152	Electricity and Magnetism (4)	PHYS 151, Pre/Corequisite: MATH 123	MSR
	GE (area A1)	Oral Communication (3)		MSR
	GE (area A3)	Critical Thinking (3)		MSR
	Elective	Elective (1)		

Year 2

Semester	Course #	Course Title (Units)	Prerequisites	Notes
3	MATH 224	Calculus III (4)	MATH 123	
	PHYS 254	Applied Modern Physics (3)	PHYS 152, <i>Pre/Corequisite</i> : MATH 224	
	GE (area C,D,E)	Other Exploration (3)		
	GE (area C,D,E)	Other Exploration (3)		
	Elective	Elective (3)		
4	Upper Division Elective	Physics (3)		
	Approved Elective	Physics Approved Upper Division (3)		
	GE (area C,D,E)	Other Exploration (3)		
	Elective	Elective (3)		
	Elective	Elective (3)		

Year 3

Semester	Course #	Course Title (Units)	Prerequisites	Notes
5	Upper Division Elective	Physics (3)		
	GE (area B2)	Life Science (3-4)		B2NL is okay
	GE (area C,D,E)	Other Exploration (3)		
	GE (area C,D,E)	Other Exploration (3)		
	Elective	Elective (3)		
6	Upper Division Elective	Physics (3)		
	Approved Elective	Physics Approved Upper Division (3)		
	GE Upper Division (area B-UD, C-UD, D-UD)	Upper Division (3)	GE Foundation	
	Elective	Elective (3)		
	Elective	Elective (3)		

Year 4

Semester	Course #	Course Title (Units)	Prerequisites	Notes
7	Upper Division Elective	Physics (3)		
	Approved Elective	Physics Approved Upper Division (3)		
	GE Upper Division (area B-UD, C-UD, D-UD)	Upper Division (3)	GE Foundation	
	Elective	Elective (3)		
	Elective	Elective (3)		
8	Approved Elective	Physics Approved Upper Division (3)		
	GE Upper Division (area B-UD, C-UD, D-UD)	Upper Division (3)	GE Foundation	
	GE (area C,D,E)	Other Exploration (3)		
	Elective	Elective (3)		
	Elective	Elective (2) (Consider PHYS 496)	PHYS 496 requires instructor consent	
	Elective	Elective (1) (Consider PHYS 495)	PHYS 495 requires instructor consent	