

BACHELOR OF ARTS IN PHYSICS

Major Requirements Worksheet

2012-2013 Catalog

Name: _____

Student ID: _____

Note: This checklist is not intended to replace advising from the major department. Students should consult with the major advisor to determine the appropriate sequence of courses. This checklist is to inform students of major requirements and course prerequisites only. CSULB Enrollment Services prepares the Academic Requirements Report, which is the official graduation verification.

Grade	Course #	Course Title	Need to take	Prerequisites
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Take ALL of the following courses

	PHYS 151	Mechanics and Heat (4)		MATH 122 Pre/Corequisite
	PHYS 152	Electricity and Magnetism (4)		PHYS 151; Pre/Corequisite: MATH 123
	PHYS 254	Modern Physics and Light (3)		PHYS 152 <i>or</i> EE 210; Pre/Corequisite: MATH 224
	PHYS 255	Laboratory on Light and Modern Physics (1)		Pre/Corequisite: PHYS 254
	CHEM 111A	General Chemistry I (5)		A passing score on the CPT**, <i>and</i> either MATH 113*, or 117*, or 119A*, or 122*. Also 1 year of HS chemistry**
	CHEM 111B	General Chemistry II (5)		CHEM 111A*
	MATH 122	Calculus I (4)		MDPT placement** <i>or</i> MATH 111* <i>and</i> 113*, <i>or</i> MATH 117*
	MATH 123	Calculus II (4)		MATH 122*
	MATH 224	Calculus III (4)		MATH 123* <i>or</i> 222*

Select ONE of the following

	BIOL 200	General Biology (4)		GE Foundation requirements
	BIOL 211	Evolution and Diversity (4)		CHEM 111A Pre/Corequisite

Upper Division

A minimum of 24 units selected in consultation with the Physics Department Undergraduate Advisor, at least 18 units of which must be in physics.

	ENGL 317	Technical Writing (3)		Or approved equivalent. May be waived for ACT score of 24 or above or those who received an "A" or "B" grade in ENGL 100.
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*Must receive a "C" or better ** See the catalog for more detail