

BS Physics - Alternate 3 year plan

[illegible]

NOTES:

1. PHYS courses are in bold.
2. Students will still need to complete 42 units of GE credit to graduate. This includes the 9 units of GE shown above. At least 9 UD units of GE need to be completed at CSUSB, as shown above.
2. Above plan only advisable for students who have completed MATH 2210 & numerous GE units prior to starting year 1 on the 3 yr plan.
3. An additional 2 units of coursework of the student's choosing across the university will be required for graduation.
4. Completing the requirements of the BS Physics will simultaneously satisfy the following GE requirements:
GE Math (Area B4)
GE Physical Science (Area B1)

GE lab (Area B-lab)
1 out of 2 Writing Intensive courses - upper division (this leaves 1 writing intensive course of the student's choosing upper or lower division)

Elective Courses

	Course	Pre-req courses	units	Term offered
PHYS 3600	Data Acquisition and Control	PHYS 2600L, PHYS 3100, PHYS 3300	2	Spring
PHYS 4600	Electronics	PHYS 3600	3	
PHYS 4851-3	Special Topics in Physics	depends on the topic	1-3	
PHYS 4851L-2L	Special Topics in Physics	depends on the topic	1-3	
PHYS 5100	Mathematical Methods of Physics II	PHYS 3100	3	
PHYS 5400	Optics	PHYS 4400	3	Spring
PHYS 5500	Solid State Physics	PHYS 4700	3	Spring
PHYS 5700	Quantum Mechanics II	PHYS 4700 with grade of C (2.0) or better	3	Spring
PHYS 5751-3	Internship		1-3	Fall & Spring
PHYS 5851-3	Special Topics in Physics	depends on the topic	1-3	
PHYS 5851L-2L	Special Topics in Physics	depends on the topic	1-3	
PHYS 5951-3	Independent Study		1-3	Fall & Spring
ASTR 2300	Introduction to Astronomy for Scientists*	PHYS 2510, PHYS 2510L	4	Spring
ASTR 3300	Astrophysics of Planetary Systems	ASTR 2300	3	
ASTR 3310	Astrophysics of Galaxies and Cosmology	ASTR 2300	3	
ASTR 4000	Observational Astronomy (WI)	ASTR 2300, PHYS 3300 or other programming course	3	Fall

*** Does not count as an elective towards the BA or BS physics, but is a pre-req for ASTR 3300, ASTR 3310, and ASTR 4000 which are approved electives for those degrees.**

**** Specific elective courses are not guaranteed to be offered each year, but a selection of electives will be offered each year at the discretion of the department.**