

Program Completion Plan (Eight-Semester Plan)

Department: Physics and Astronomy **Degree:** BS
Program/Major: Physics
Track/Emphasis: Applied Physics
Does this program require a minor? (Yes/No) No¹

Important information in the *Undergraduate Bulletin*:

General Education Requirements: <http://www.uca.edu/ubulletin/02/208.html>
Degree Requirements: <http://www.uca.edu/ubulletin/02/209.html>
Program Requirements: <http://www.uca.edu/ubulletin/03/30606.html>

This degree program requires a total of **124** semester credit hours, including at least **40** upper-division credit hours.

Year 1				Year 2			
Fall (Semester 1)		Spring (Semester 2)		Fall (Semester 3)		Spring (Semester 4)	
Course	SCH	Course	SCH	Course	SCH	Course	SCH
PHYS 1441	4	PHYS 1442	4	PHYS 2443	4	PHYS 3341	3
MATH 1591	5	MATH 1592	5	MATH 2371	3	MATH 3331	3
WR TG 1310	3	WR TG 1320	4	MATH 3320	3	ACCT 2310	3
CHEM 1450	4	CHEM 1451	3	BIOL 1400	4	Gen Ed (Soc Sci) ²	3
				ECON 1310	3	Gen Ed (Hist/Gov) ²	3
Total credits	16	Total credits	16	Total credits	17	Total credits	15

Year 3				Year 4			
Fall (Semester 5)		Spring (Semester 6)		Fall (Semester 7)		Spring (Semester 8)	
Course	SCH	Course	SCH	Course	SCH	Course	SCH
PHYS 3110	1	PHYS 3120	1	PHYS 3360	3	PHYS 4351	3
PHYS 3342	3	CSCI 1470 or PHYS 3343 and 4103 ³	4	PHYS 4110	1	Phys 4380 or 4303	3
MATH 4305	3	MATH 2311 or 4371	3	Phys 4380 or 4303	3	Gen Ed (Health Sci) ²	3
CHEM 4460 or CSCI 1470 ³	4	MATH 4306	3	Gen Ed (WCT) ²	3	General Elective	4
Gen Ed (WCT) ²	3	Gen Ed (WCT) ²	3	Gen Ed (Oral Com) ²	3		
Gen Ed (Fine Arts) ²	3	Gen Ed (Hum) ²	3				
Total credits	17	Total credits	17	Total credits	13	Total credits	13

SIGNED – DEPARTMENT CHAIR

DATE

SIGNED – COLLEGE DEAN

DATE

To be completed by the advisor when an Eight-Semester Plan is accepted by the student:

If applicable, has student selected a minor? No Yes (Specify) _____

Notes

¹ While this program requires no minor, students completing the requirements for the program complete the requirements for a minor in mathematics.

² See appropriate choices, alternatives, or substitutions under “General Education Program” in the Undergraduate Bulletin. General Education courses may be taken in a different sequence to that indicated, but the courses chosen must match the indicated areas – all other general education requirements are included under the required courses.

³ CSCI 1470 is required. The degree requirements can be met by taking either CHEM 4460 or PHYS 3343 and 4103; CHEM 4460 is offered in fall semesters, PHYS 3343 is offered in spring semesters, CSCI 1470 is offered in both fall and spring semesters.