

Program Completion Plan (Eight-Semester Plan)

Department: Physics & 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/02/207.html>
Degree Requirements: <http://www.uca.edu/ubulletin/02/208.html>
Program Requirements: <http://www.uca.edu/ubulletin/03/30606.html>
Course Description: <http://www.uca.edu/ubulletin/04/40606.html>

This degree program requires a total of **120** 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
WRTG 1310	3	WRTG 1320	4	MATH 3320	3	ACCT 2310	3
CHEM 1450	4	CHEM 1451	3	BIOL 1400	4	Gen Ed ²	3
				ECON 1310	3	Gen Ed 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		
CHEM 4460 or CSCI 1470 ³	4	MATH 4306	3	Gen Ed ²	3		
Gen Ed ²	3	Gen Ed ²	3	Gen Ed ²	3		
Gen Ed ²	3	Gen Ed ²	3	Gen Ed ²	3		
Total credits	17	Total credits	17	Total credits	16	Total credits	6

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 requirements in Writing, Mathematics, and Natural Sciences are explicitly satisfied by the requirements detailed in the program of study; courses should be chosen to satisfy the remaining requirements.

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.