

Program Completion Plan (Four-Year Plan with Summers)

Department: Physics and Astronomy **Degree:** BSE
Program/Major: Science Education
Track/Emphasis: Physical Science / Earth Science
Does this program require a minor? (Yes/No) Yes

Important program information in the online *Undergraduate Bulletin*:

General Education Requirements: <http://www.uca.edu/ubulletin/02/207.html>
Degree Requirements: <http://www.uca.edu/ubulletin/02/208.html>
Program Description: <http://www.uca.edu/bulletin/03/30607.html>

This degree program requires a total of **133** semester credit hours, including at least **40** upper-division credit hours.

Fall		Year 1 Spring ¹		Summer	
Course	SCH	Course	SCH	Course	SCH
WRTG 1310	3	WRTG 1320	3		
MATH 1591	5	MATH 1592	5		
CHEM 1450	4	CHEM 1451	4		
BIOL 1440	4	BIOL 1440	4		
Total credits	16	Total credits	16	Total credits	

Fall		Year 2 Spring		Summer	
Course	SCH	Course	SCH	Course	SCH
PHYS 1441	4	SPCH 1300	3		
Gen Ed ²	3	Gen Ed ²	3		
MATH 2371	3	CHEM 3411 ³	4		
CHEM 2401	4	PHYS 1442	4		
EDUC 1300	3	Gen Ed ²	3		
EDUC 1220 ⁴	2/0				
Total credits	17-19	Total credits	17-18	Total credits	

Fall		Year 3 Spring ⁵		Summer	
Course	SCH	Course	SCH	Course	SCH
PHYS 2443	4	PHYS 3120	1		
Gen Ed ²	3	Gen Ed ²	3		
SCI 3410	4	Gen Ed ²	3		
EDUC 3309	3	EDUC 3321	3		
MSIT 3310 ⁶	3	MSIT 4305	3		
PHYS 3110	1	PHYS 4360	3		
		Gen Ed ²	3		
Total credits	18	Total credits	19	Total credits	

Year 4					
Fall ⁷		Spring ⁸		Summer	
Course	SCH	Course	SCH	Course	SCH
PHYS 4110	1	SCI 4680	6		
PHYS 3342 ⁹	3	SCI 4681	6		
SCI 4190	1				
MSIT 4321	3				
SCI 4400	4				
MSIT 4325	3				
GEOG 1305	3				
Total credits	18	Total credits	12	Total credits	

Notes

¹ Spring Semester 1: See admission to teacher education requirements – Take Praxis 1 (PPST or CBT) Exam

² See appropriate choices, alternatives, or substitutions under “General Education Program” in the Undergraduate Bulletin. General Education requirements in Writing, Mathematics, Natural Sciences, and Behavioral/Social Sciences are explicitly satisfied by the requirements detailed in the program of study; courses should be chosen to satisfy the remaining requirements.

³ CHEM 3520 may be substituted for CHEM 3411.

⁴ EDUC 1220 may be taken for 2 credits or completion of the competency test for 0 credits.

⁵ Spring Semester 3: Must be admitted to teacher education to enroll in EDUC 3321 and MSIT 4305. Field experience hours required.

⁶ MSIT 3310 is approved for 3 hrs Behavioral/Social Sciences credit in General Education.

⁷ Fall Semester 4: Must be admitted to teacher education to enroll in SCI 4190, MSIT 4320, SCI 4400 and MSIT 4325. Field experience hours required. Take Praxis 2 Content Exam(s).

⁸ Spring Semester 4: Must be admitted to teacher education to enroll in SCI 4680 and SCI 4681. Field experience hours required. Take remaining Praxis 2 Exam(s).

⁹ PHYS 3343 may be substituted for PHYS 3342.