

General Sciences: Physics
Arkansas State University - Jonesboro
Degree: Bachelor of Science in Education
Major: General Sciences Emphasis: Physics
2014-2015

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters. A minimum of 45 hours of upper division credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. Failure to participate in required assessments may delay graduation.

Year 1				Year 1			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
PHYS 1003	First Year Experience for Chemistry & Physics	3		ENG 1013	Composition II	3	X
MATH 2204	Calculus I	4	X	CS 2114	Structured Programming I	4	
ENG 1003	Composition I	3	X	PHYS 2044	University Physics II	4	
PHYS 2034	University Physics I	4	X	MATH 2214	Calculus II	4	
elective	elective	1					
Total Hours		15		Total Hours		15	
Year 2				Year 2			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
MATH 3254	Calculus III	4		Gen Educ	General education required course	3	X
CHEM 1013	Chemistry I	3		SCOM 1203	Oral Communication	3	X
CHEM 1011	Chemistry I Lab	1		MATH 4403	Differential Equations	3	
PHYS 3153	Mechanics	3		CHEM 1023	Chemistry II	3	
SCED 2513	Introduction to Secondary Teaching	3		CHEM 1021	Chemistry II Lab	1	
				PHYS 3043	Atmospheric Dynamics	3	
Total Hours		14		Total Hours		16	
Year 3				Year 3			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
HIST 2763 OR 2773	US history to to 1876 or US History since 1876	3	X	POSC 2103	Intro to US Government	3	X

POSC 2103	Introduction to Psychology	3	X	PHYS 3203	Electromagnetic Theory	3	
SCED 3515	Performance Based Inst. Design	5		HLTH 2513	Principles of Personal Health	3	
PHYS 1103	Intro. To Space Science	3		ELSE 3643	Exceptional Student in the Regular Classroom	3	
PHYS 3303	Modern Physics	3		BIO or BIOL	Biology general education lecture requirement	3	X
				BIO or BIOL	Biology general education laboratory requirement	1	X
Total Hours		17		Total Hours		16	

Year 4

Year 4

Fall Semester

Spring Semester

Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
Gen Educ	General education required course	3	X	TIPH 4826	Teaching Internship in the Secondary School	12	
EDSC 4593	Methods & Materials in the Secondary School	3					
SCED 4713	Educational Measurement with Computer App.	3					
PSY 3703	Educational Psychology	3					
GEOG 3723	Intro. To Physical Geography	3					
Total Hours		15		Total Hours		12	

Total Jr/Sr Hours

51

Total Degree Hours

128

Graduation Requirements:

Completion of HIST 2763 or HIST 2773 or POSC 2103

English Proficiency (Grade of C or better in ENG 1003 and ENG 1013)

2.50 GPA in Major

2.50 GPA at ASU

2.50 GPA Overall

Maximum of 31 credit hours via correspondence/extension/examination//PLA/Military/CLEP (30 hrs) or similar means

45 JR/SR Hours after completing 30 hours

129 Total Credit Hours

18 of last 24 hours must be ASU-Jonesboro courses

Minimum of 57 hours from 4-year institutions

32 Resident Hours if completing second degree

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