

**ARKANSAS STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES**

Name: _____

Address: _____

Degree & Major: BSE General Science: Physics Emphasis

Minor (if applicable): _____

Student ID: _____

Catalog Year: 2004-2006

	Substitution Or Transfer Course No.	Grade
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General Education Requirements: 46-49 hrs.

Composition-6 hrs.:

ENG 1003, Freshman English I	_____	_____
ENG 1013, Freshman English II	_____	_____

Mathematics- 3 hrs.:

Math 2204, Calculus I	_____	_____
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Critical Thinking- 3 hrs:

(One of the Following)

PHIL 1103, Intro. To Philosophy	_____	_____
PHIL 1503, Logic and Practical Reasoning	_____	_____
SCOM 1203, Speech Communication	_____	_____

Understanding Global Issues-3 hrs.:

(One of the following)

HIST 1013, World Civ. To 1660 OR	_____	_____
HIST 1023, World Civ. Since 1660	_____	_____

Arts & Humanities-9 hrs.:

(Must complete 3 courses from this section) At least one must be a fine arts course. At least one must be a humanities course.

Fine Arts:

MUS 2503, Fine Arts- Musical	_____	_____
THEA 2503, Fine Arts- Theater	_____	_____
ART 2503, Fine Arts-Visual	_____	_____

Humanities:

ENG 2003, Intro to Lit. of West. World I	_____	_____
ENG 2013, Intro to Lit. of West. World II	_____	_____
PHIL 1103, Intro to Philosophy	_____	_____

Social Sciences-9 hrs:

HIST 2763, The US to 1876 OR	_____	_____
HIST 2773, The US since 1876	_____	_____
POSC 1003, Intro to Politics	_____	_____
PSY 2103, Intro to Psychology	_____	_____

Science-8 hrs.:

Life Sciences, Select one of the following:

BIOL 1003, Bio. Science, & BIOL 1001, Lab	_____	_____
BIOL 1013, Bio. Of the Cell & BIOL 1021, Lab	_____	_____
BIOL 1033, Biology of Sex & BIOL 1001, Lab	_____	_____
BIOL 1043, Plants & People, & BIOL 1001, Lab	_____	_____
BIOL 1063, People & Enviro. & BIOL 1001, Lab	_____	_____
BIOL 2103, Microbiology, & BIOL 2101, Lab N&AH	_____	_____

If BIOL 2103 is selected, the student must also take Either:

ZOOL 2103, Human Anatomy & Physiology I and ZOOL 2001, Lab for Human A&PI; OR	_____	_____
ZOOL 2103, Human A&P II and	_____	_____
ZOOL 2001, Human A&P II Lab	_____	_____

Physical Sciences, Select one of the following:

PHYS 2034, University PhysicsI	_____	_____
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Health and Wellness- 2 hrs:

PE 1002, Concepts of Fitness	_____	_____
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Enhancements-3-6 hrs: (See Bulletin for other rules)

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Major Requirements-Physics Emphasis: 44 Hrs.

CS 2181, Programming I lab	_____	_____
CS 2182, Programming I	_____	_____
Math 2214, Calculus II	_____	_____
Math 3254, Calculus III	_____	_____
Math 4403, Differ Equations	_____	_____
PHYS 2044, University Physics II	_____	_____
PHYS 3153, Mechanics	_____	_____
PHYS 3203, Elect. Theory	_____	_____
PHYS 3303, Modern Physics	_____	_____
PHYS 1103, Intro to Space Science OR	_____	_____
PHYS 3133, Astronomy	_____	_____
CHEM 1013, General Chemistry I	_____	_____
CHEM 1011, General Chemistry I Lab	_____	_____
CHEM 1023, General Chemistry II	_____	_____
CHEM 1021, General Chemistry II Lab	_____	_____
GEOL 1003, Environmental Geology	_____	_____
GEOG 3723, Intro to Physical Geography	_____	_____

Professional Education Requirements: 33 hrs.

PSY 3703, Educational Psychology	_____	_____
SCED 2514, Intro to Secondary Teaching	_____	_____
SCED 3515, Perf. Based Instru. Design	_____	_____
EDSC 4593, M/M Teaching Science	_____	_____
**TIPH 4826, Teaching Int. Secondary Sch.	_____	_____
SCED 4713, Ed Meas w/ Computer App.	_____	_____
SE 3643, Exc. Student Reg. Classroom	_____	_____

**(This is a 12 credit hour course)

Additional Certification Requirement: 6 hrs

HLTH 2513, Principles of Personal Health	_____	_____
SCOM 1203, Oral Communications	_____	_____

Six Point Undergraduate System:

- _____ 1. Admission into Teacher Ed. Program (min. 36 hours)
- _____ 2. Pre-Student Teaching Check(one semester prior to student teaching)
- _____ 3. Intent to Student Teach (one semester prior to student teaching)
- _____ 4. Student teacher Validation (semester of student teaching)
- _____ 5. Evaluation of Student Teacher Performance
- _____ 6. Intent to Graduate & Graduate Checklist

1000/2000 LEVEL COURSES TAKEN AT TWO YEAR INSTITUTIONS CANNOT BE USED TO SATISFY JUNIOR/SENIOR HOUR REQUIREMENTS

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GRADUATION CHECK LIST

3 HOURS HIST 2763 OR 2773 _____

3 HOURS HIST 1013 OR 1023 _____

POSC 2103 _____

32 RESIDENT HOURS _____

2.50 AVERAGE IN MAJOR _____

2.50 AVERAGE IN OVERALL _____

MAXIMUM 31 HOURS CORR/EXT/EXAM
CLEP/MS/USAFI/ (MAX 30 HOURS BY
EXAM/CLEP) _____

45 JR/SR HOURS FOR DEGREE _____

129-132 HOURS FOR DEGREE _____

18 OF LAST 24 HOURS ON ASU CAMPUS _____

MINIMUM 57 HOURS FROM 4 YEAR
INSTITUTIONS _____

ENGLISH PROFICIENCY _____

MATH PROFICIENCY _____

SPEECH PROFICIENCY _____

HLTH 2513 _____

SCOM 1203 _____

MIDDLE SCHOOL ENDORSEMENT _____

NCATE STAMP _____

NTE _____

**PPST/CBT SCORES: (PRE-REQ FOR ADMISSION
INTO BSE PROGRAM)**

READING _____ **WRITING** _____ **MATH** _____
(170/314) **(171/316)** **(169/316)**

CURRENT ENROLLMENT

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

The above named student has met all requirements for graduation providing he/she satisfactorily completes the courses of current enrollment. If correspondence or transfer credit, official transcript must be filed with registrar at least three weeks prior to graduation.

Advisor Date

Department Chair Date

Dean of Sciences and Mathematics Date

B.S.E. Physics

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. In most cases, general education courses may be interchanged between semesters. 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			Year 2			Year 2		
Fall Semester			Spring Semester			Fall Semester			Spring Semester		
Course No.	Hrs	Gen Ed	Course No.	Hrs	Gen Ed	Course No.	Hrs	Gen Ed	Course No.	Hrs	Gen Ed
MATH 2204	4	X	ENG 1013	3	X	ART or MUS or THEA 2503	3	X	HIST 1013 or 1023	3	X
ENG 1003	3	X	CS 2182	2		MATH 3254	4		ENG 2003 or 2013 or PHIL 1503	3	X
PHYS 1913	3		CS 2181	1		CHEM 1013	3		MATH 4403	4	
PE 1002	2	X	PHYS 2044	4		CHEM 1011	1		CHEM 1023	3	
PHYS 2034	4	X	MATH 2214	4		PHYS 3153	3		CHEM 1021	1	
			PHIL 1503 or 1103 or SCOM 1203	3	X	SCED 2514	3		GEOL 1003 or PHYS 1103 or GEOG 3723	3	
Total Hours	16		Total Hours	17		Total Hours	17		Total Hours	17	
Year 3			Year 3			Year 4			Year 4		
Fall Semester			Spring Semester			Fall Semester			Spring Semester		
Course No.	Hrs	Gen Ed	Course No.	Hrs	Gen Ed	Course No.	Hrs	Gen Ed	Course No.	Hrs	Gen Ed
HIST 2763 OR 2773 or POSC 2103	3	X	HIST 2763 or 2773 or ECON 2313 or 2333 or POSC 2103 or 1003 or PSY 2013 or SOC 2213	3	X	ART or MUS or THEA 2503 or LIT 2003 04 2013 or PHIL 1503	3	X	TIPH 4826	12	
PHYS 3303	3		PHYS 3203	3		EDSC 4593	3				
POSC 2103	3	X	HLTH 2513	3		SCED 4713	3				
SCED 3515	5		SE 3643	3		PSY 3703	3				
GEOL 1003 or PHYS 1103 or GEOG 3723	3		BIOL 1003 or 1013 or 1033 or 1043 or 1063	3	X	GEOL 1003 or PHYS 1103 or GEOG 3723	3				
			BIOL 1001 or BIOL 1021	1		Enhancement	3	X			
Total Hours	17		Total Hours	16		Total Hours	18		Total Hours	12	
						Total Jr/Sr Hours			Total Degree Hours	129	

Student: _____