

NAME _____
ID# _____

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. (One of the following):

MATH 1054, Precalculus Mathematics _____
MATH 2204, Calculus I _____

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)

ANTH 2233, Intro to Cultural Anthropology _____
GEOG 2613, Intro to Geography _____
HIST 1013, World Civ. to 1660 _____
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.

(From the following courses at least one course must be selected from HIST 2763, HIST 2773, or POSC 2103)

ECON 2313, Principles of Macroeconomics _____
ECON 2333, Economic Issues and Concepts _____
HIST 2763, The U.S. to 1876 _____
HIST 2773, The U.S. since 1876 _____
PHIL 1103, Intro to Philosophy _____
POSC 1003, Intro to Politics _____
POSC 2103, Intro to U.S. (Ameri.) Gov. _____
PSY 2103, Intro to Psychology _____
SOC 2213, Intro to Sociology _____

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, Bio. Of Sex, & BIOL 1001, Lab _____
BIOL 1043, Plants & People, & BIOL 1001 Lab _____
BIOL 1063, People & Environ., & BIOL 1001, Lab _____
BIOL 2103, Microbiology, & BIOL 2101, LabN&AH _____

If BIOL 2103 is selected, the student must also take EITHER: ZOOL 2003, Human Anatomy & Physiology I and ZOOL 2001, Lab for Human A&P; OR ZOOL 2013, Human Anatomy and Physiology II

AND

ZOOL 2001, Lab for Human Anatomy and Phys II _____

Physical Sciences.

CHEM 1013, General Chemistry I AND _____
CHEM 1011, Lab for General Chemistry I _____

Health and Wellness – 2 hrs.

PE 1002, Concepts of Fitness _____

Enhancements – 3-6 hrs. (See Bulletin online for other rules.)

MAJOR REQUIREMENTS – CHEMISTRY 42-46 HRS.

(The specific requirements listed at left will not be counted in the major.)

CHEM 1023, General Chemistry II _____
CHEM 1021, General Chemistry II Lab _____
CHEM 2004, Descriptive Inorganic Chemistry _____
CHEM 3054, Quantitative Analysis _____
CHEM 3103, Organic Chemistry I _____
CHEM 3101, Organic Chemistry I Lab _____
CHEM 3113, Organic Chemistry II _____
CHEM 3111, Organic Chemistry II Lab _____
CHEM 3154, Survey Physical Chemistry _____
CHEM 4243, Biochemistry _____

*MATH 2204, Calculus I _____

***If not taken as General Education Requirement**

PHYS 2054, General Physics I AND _____
PHYS 2064, General Physics II _____

OR

PHYS 2034, University Physics I AND _____
PHYS 2044, University Physics II _____

Biology of Plants, Geology, or Zoology electives –6 hrs.

Foreign Language – 0-12 hrs. (See Foreign Lang. Req. in the Bulletin.)

Electives: 15-34 hrs.

Emphasis Area – Pre-pharmacy

Additional Specific General Education Requirement 3 hrs.

ECON 2313, Principles of Macroeconomics _____

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

NAME _____
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GRADUATION CHECK LIST

Current Enrollment

- 3 hours HIST 2763 or 2773
or POSC 2103 _____
- 32 resident hours _____
- 2.00 average in major _____
- 2.00 average in overall _____
- 2.00 average at ASU _____
- Maximum 31 hours corr/ext/exam
CLEP/MS/USAF1/(maximum 30 hrs
by exam/CLEP) _____
- 45 Jr/Sr hours after 30 hours _____
- 124 hours for degree _____
- 18 of last 24 hours on ASU campus _____
- Minimum 57 hours from 4-year institutions _____
- English Proficiency
(C or better in ENG 1003 & 1013) _____

- 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

BA Chemistry

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
CHEM 1013	3	x	CHEM 1023	3		CHEM 3103	3		CHEM 3113	3	
CHEM 1011	1	x	CHEM 1021	1		CHEM 3101	1		CHEM 3111	1	
PHSC 1913	3		MATH 2204 or MATH 2194	4	x	CHEM 2004	4		PHYS 2044 or PHYS 2064	4	
ENG 1003	3	x	ENG 1013	3	x	PHYS 2034 or PHYS 2054	4		MUS 2503 or THEA 2503 or ART 2503	3	x
PHIL 1103 or PHIL 1503 or SPCH/SCOM 1203	3	x	BIOL 1003 or BIOL 1013 or BIOL 1033 or BIOL 1043 or BIOL 1063	3	x	FR 2013 or GER 2013 or SPAN 2013	3		FR 2023 or GER 2023 or SPAN 2023	3	x
PE 1002	2	x	BIOL 1001 or BIOL1021 or	1	x				Elective 3000/4000	3	
Total Hours	15		Total Hours	15		Total Hours	15		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
ANTH 2233 or GEOG 2613 or HIST 1013 or HIST 1023	3	x	MUS 2503 or THEA 2503 or ART 2503 or ENG 2003 or ENG 2013 or PHIL 1103	3	x	ECON 2313 or ECON 2333 or HIST 2762 or HIST 2773 or POSC 1003 or POSC 2103 or PSY 2013 or SOC 2213	3	x	ECON 2313 or ECON 2333 or HIST 2762 or HIST 2773 or POSC 1003 or POSC 2103 or PSY 2013 or SOC 2213	3	x
CHEM 3154	4		CHEM 3054	4		Elective	3		Elective	3	
ENG 2003 or ENG 2013 or PHIL 1103	3	x	Elective 3000/4000	3		Elective 3000/4000	3		Elective 3000/4000	3	
HIST 2762 or HIST 2773 or POSC 2103	3	x	Elective 3000/4000	3		Elective 3000/4000	3		Elective 3000/4000	3	
CHEM 4243	3		Elective 3000/4000	3		General education enhancement	3	x	Elective 3000/4000	3	
Total Hours	16		Total Hours	16		Total Hours	15		Total Hours	15	
						Total Jr/Sr Hours	45		Total Degree Hours	124	

Student: _____