IDN: _____ Printed Name: _____

BS-Chemistry -Major Code: 3011

Concentration Code: C031

For Advisor Use Only-Professional Intent: _____

This degree is available in a guaranteed 8-semester plan for qualified freshmen. **See your advisor to declare your major and sign an official degree plan.**
The prerequisites and corequisites of the degree requirements are subject to change.

MATH/ENGL prerequisite/co-requisite courses if student does not meet placement requirements:
Prerequisites: ENGL0263 _____ MATH 0233_____MATH 0304 _____ **Corequisites:** ENGL 0201_____ MATH 0301 _____

FRESHMAN YEAR- FALL SEMESTER: 14 hours

Courses

CHEM 1403/1401 College Chemistry I/Lab	4 Hours		Grade_____
MATH 2804 Calculus I	4 Hours		Grade_____
English composition requirement	3 Hours	Note 1	Grade_____
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade_____

FRESHMAN YEAR- SPRING SEMESTER: 17 hours

Courses

BIOL 2003 Introduction to Cell Biology	3 Hours	Note 2	Grade_____
CHEM 1413/1411 College Chemistry II/Lab	4 Hours	Note 2	Grade_____
MATH 2854 Calculus II	4 Hours	Note 2	Grade_____
English composition requirement	3 Hours	Note 1	Grade_____
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade_____

SOPHOMORE YEAR- FALL SEMESTER: 14 hours

Courses

CHEM 2703/2701 Organic Chemistry I/Lab	4 Hours	Note 2	Grade_____
PHYS 2903/2911 University Physics I/Lab	4 Hours	Note 2	Grade_____
History/Government requirement	3 Hours	Note 1	Grade_____
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade_____

SOPHOMORE YEAR- SPRING SEMESTER: 17 hours

Courses

CHEM 2713/2711 Organic Chemistry II/Lab	4 Hours	Note 2	Grade_____
PHYS 2923/2931 University Physics II/Lab	4 Hours	Note 2	Grade_____
SPCH 1203 Introduction to Speech Communication	3 Hours		Grade_____
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade_____
Additional degree requirement	3 Hours	Note 5	Grade_____

JUNIOR YEAR- FALL SEMESTER: 15 hours

Courses

CHEM 3403 Biochemistry I	3 Hours	Note 2	Grade_____
CHEM 3604 Analytical Chemistry	4 Hours	Note 2	Grade_____
CHEM 4504 Physical Chemistry I or CHEM 4704 Inorganic Chemistry	4 Hours	Note 2 & 3	Grade_____
World language requirement	4 Hours	Note 4	Grade_____

JUNIOR YEAR- SPRING SEMESTER: 15 hours

Courses

CHEM 3202 Chemical Literature and Seminar	2 Hours	Note 2	Grade_____
CHEM 4514 Physical Chemistry II or CHEM 4614 Instrumental Analysis	4 Hours	Note 2 & 3	Grade_____

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HIST 3053 History of Modern Science	3 Hours		Grade_____
Additional degree requirement	3 Hours	Note 5	Grade_____
Additional degree requirement	3 Hours	Note 5	Grade_____

SENIOR YEAR- FALL SEMESTER: 14 hours

Courses

CHEM 4504 Physical Chemistry I or			
CHEM 4704 Inorganic Chemistry	4 Hours	Note 2 & 3	Grade_____
Additional degree requirement	3 Hours	Note 5	Grade_____
Additional degree requirement	3 Hours	Note 5	Grade_____
Additional degree requirement	4 Hours	Note 5	Grade_____

SENIOR YEAR- SPRING SEMESTER: 14 hours

Courses

CHEM 4514 Physical Chemistry II or			
CHEM 4614 Instrumental Analysis	4 Hours	Note 2 & 3	Grade_____
CHEM 4903 Special Topics: Chemistry	3 Hours	Note 2	Grade_____
Additional degree requirement	3 Hours	Note 5	Grade_____
Additional degree requirement	4 Hours	Note 5	Grade_____

Total Hours: 120 At least 40 hours must be upper-level

NOTES

1. General Education Core Requirements, see below on the last page.
2. These courses are used to determine major courses in residency, see Graduation Requirements of this catalog.
3. Courses offered in alternating years. Consult with faculty advisor.
4. World language, four hours. Select any world language.
5. Additional Degree Requirements, 26 hours. Consult with faculty advisor. Must select electives so nine hours are upper-level to ensure completion of 40 upper-level hours required for graduation.

Prior to graduation students must demonstrate competency in financial literacy by satisfactory completion of FIN 1521 Personal Finance Applications (or an approved substitution) with a grade of C or better, or by a score of 70% or more on a challenge exam for FIN 1521.

Pre-professional students in chemistry who complete the above curriculum through their junior year and the 35-hour general education core requirements may receive a bachelor of science degree in chemistry from UAFS after successfully completing the first year of work in an accredited school of medicine, pharmacy, or veterinary medicine. Students must fulfill all other graduation requirements and complete a graduation application with the STEM advising coordinator before leaving UAFS to begin professional studies. Contact the registrar at registrar@uafs.edu for more information.

Transfer Course Information

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment of the application of credits for the admissions and degree requirements. Courses transferability is not guaranteed for courses listed in ACTS as "No Comparable Courses." ACTS-Arkansas Course Transfer System http://acts.adhe.edu -select Course Transfer. See Acceptance of Transfer Credits section of the current academic catalog for a complete list of transfer provisions.

Student Degree Program Requirements

A student's degree program requirements are those specified in the catalog in effect at the time of declaration of program major. If not on the Guaranteed 8-semester degree plan, students may choose to meet the program requirements specified in the catalog for a later year from when they began their program of study. Students must meet the above program requirements and the graduation requirements as indicated by institutional and college policy. The program can be changed only with the approval of the official advisor. If original courses are eliminated, students may be required to meet new curriculum requirements in the degree program. If students are not enrolled for two or more consecutive terms (excluding summer terms), they must re-enter under the program requirements of the current catalog. Students are responsible for understanding program requirements and changes. Guaranteed 8-Semester Degree Completion Program Pursuant to Act 1014 of 2005, qualified first-time freshmen with a declared major may elect to participate in the guaranteed 8-semester degree completion program. Students must follow the above degree plan and meet all requirements as outlined in the Guaranteed 8-semester Degree Completion Program contract. The contract and this degree plan must be signed and filed with the advisor before the first day of classes for the student's first term of attendance. The official copy of the contract and degree plan are filed in the Records Office. Approved by Dr. Georgia Hale, March 1, 2019-Catalog Year 2019-2020. This document is not official until signed and dated by both the student and an authorized university representative.

Student Signature _____ Date _____

Advisor Signature _____ Date _____

IDN: _____ Printed Name: _____

UAFS General Education Core Requirements (Your degree plan may have specific requirements that are listed above.)

English Composition – one of the following sequences required
ENGL 1203 Composition I
ENGL 1213 Composition II
OR
ENGL 1233 Honors Composition
RHET 2863 Advanced Composition

Mathematics – one course required
MATH 1303 College Mathematics and Quantitative Literacy
MATH 1403 College Algebra
MATH with MATH 1403 as a prerequisite

Fine Arts – one course required
AHIS 2863 Survey of Art History I
AHIS 2873 Survey of Art History II
HUMN 2563 Humanities Through the Arts
HUMN 2663 Intro to Film
MUSI 2763 Music Appreciation

History/Government – one course required
HIST 2753 US History I
HIST 2763 US History II
POLS 2753 American National Government

Humanities – one course required
ENGL 2013 Intro to Global Literature
ENGL 2023 Intro to American Literature
PHIL 2753 Intro to Philosophy
RELI 2303 World Religions

Social Sciences – two courses, from different areas
ANTH 2803 Cultural Anthropology
ECON 2803 Principles of Macroeconomics **or**
ECON 2813 Principles of Microeconomics
GEOG 2753 World Regional Geography **or**
GEOG 2773 Human Geography
HIST 1123 Civilizations of the World to 1500 **or**
HIST 1133 Civilizations of the World since 1500
HIST 2753 US History I*** or**
HIST 2763 US History II*****
POLS 2753 American National Government*****
PSYC 1163 General Psychology
SOCI 2753 Introduction to Sociology
****If not used to meet History/ Government requirement (a course may only be used once)***

Lab Science – two lecture/lab combinations required
BIOL 1153/1151 Biological Science/Lab
BIOL 2203/2201 Human Anatomy/Lab
BIOL 2213/2211 Human Physiology/Lab
BIOL 2303/2301 General Botany/Lab
BIOL 2503/2501 General Microbiology/Lab
BIOL 2703/2701 General Zoology/Lab
CHEM 1303/1301 Chemical Principles/Lab
CHEM 1403/1401 College Chemistry I/Lab
CHEM 1413/1411 College Chemistry II/Lab
GEOL 1253/1251 Physical Geology/Lab
PHSC 2503/2501 Fundamentals of Astronomy/Lab
PHSC 2653/2651 Earth Science/Lab
PHSC 2713/2711 Physical Science/Lab
PHYS 2803/2811 College Physics I/Lab
PHYS 2823/2831 College Physics II/Lab
PHYS 2903/2911 University Physics I/Lab
PHYS 2923/2931 University Physics II/Lab