IDN: ______________________________ Printed Name: ______________________________

BS-Chemistry with Concentration in Biochemistry-Major Code: 3011
Concentration Code: C030

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.

FRESHMAN YEAR- FALL SEMESTER: 14 hours

Courses
MATH 2804 Calculus I 4 Hours Grade_____
CHEM 1403/1401 College Chemistry I/Lab 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: 15 hours

Courses
CHEM 2703/2701 Organic Chemistry I/Lab 4 Hours Note 2 Grade_____ PHYS 2803/2811 College Physics I/Lab or PHYS 2903/2911 University Physics I/Lab 4 Hours Notes 2 & 4 Grade_____ World language requirement 4 Hours Note 6 Grade_____ Fine Arts/Humanities/Social Sciences requirement 3 Hours Note 1 Grade_____ SOPHOMORE YEAR- SPRING SEMESTER: 15 hours

Courses
CHEM 2713/2711 Organic Chemistry II/Lab 4 Hours Note 2 Grade_____ PHYS 2823/2831 College Physics II/Lab or PHYS 2923/2931 University Physics II/Lab 4 Hours Notes 2 & 4 Grade_____ Additional degree requirement 4 Hours Note 3 Grade_____ Additional degree requirement 3 Hours Note 3 Grade_____ JUNIOR YEAR- FALL SEMESTER: 15 hours

Courses
BIOL 3803/3801 Genetics/Lab 4 Hours Note 2 Grade_____ CHEM 3403/3401 Biochemistry I/Lab 4 Hours Note 2 Grade_____ CHEM 4203 Biophysical Chemistry or additional degree requirement 3 Hours Notes 2, 3 & 5 Grade_____ Additional degree requirement 4 Hours Note 3 Grade_____ JUNIOR YEAR- SPRING SEMESTER: 16 hours

Courses
CHEM 3423/3421 Biochemistry II/Lab 4 Hours Note 2 Grade_____ HIST 3053 History of Modern Science 3 Hours 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 3 Grade_____
SENIOR YEAR- FALL SEMESTER: 14 hours

Courses
Biol 4803/4801 Cell and Molecular Biology/Lab 4 Hours Note 2 Grade_____
Chem 3604 Analytical Chemistry 4 Hours Note 2 Grade_____
Chem 4203 Biophysical Chemistry or additional degree requirement 3 Hours Notes 2, 3 & 5 Grade_____

History/Government requirement 3 Hours Note 1 Grade_____

SENIOR YEAR- SPRING SEMESTER: 14 hours

Courses
Biol 4604 General Physiology 4 Hours Note 2 Grade_____
Chem 3202 Chemical Literature and Seminar 2 Hours Note 2 Grade_____
Chem 4903 Special Topics: Chemistry 3 Hours Note 2 Grade_____
Additional degree requirement 5 Hours Note 3 Grade_____

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

NOTES
1. General Education Core Requirements, see Graduation Requirements section of this catalog.
2. These courses are used to determine major courses in residency, see Graduation Requirements section of this catalog.
3. Additional degree requirements, 22 hours. Consult with faculty advisor. Five hours of electives must be upper-level to ensure completion of 40 upper-level hours required for graduation.
4. Consult with faculty advisor. Sequence of Phys 2903/2911 and 2923/2931 is encouraged but some professional programs may accept sequence of Phys 2803/2811 and 2823/2831.
5. If planning to take Chem 4504 as an elective, please note it is offered every other year. Consult with faculty advisor.
6. World language, four hours. Select any world language.

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 with concentration in biochemistry 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 with concentration in biochemistry from UAFS after successfully completing the first year of work in an accredited school of medicine, pharmacy, or veterinary medicine. The last 30 hours in-residence requirement will be waived. 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 records@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, 2018-Catalog Year 2018-2019. This document is not official until signed and dated by both the student and an authorized university representative.

Student Signature ____________________________________________ Date ______________

Adviser Signature ____________________________________________ Date ______________