

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.

MATH/ENGL co-requisite courses if student does not meet placement requirements:

Corequisites: ENGL 0201_____ ENGL 0202_____ MATH 0301 _____ MATH 0302_____ MATH 0201_____

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_____

IDN: _____ Printed Name: _____

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 GPA, 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. 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.

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. Shadow Robinson, March 1, 2023-Catalog Year 2023-2024. This document is not official until signed and dated by both the student and an authorized university representative.

Student Signature _____ Date _____

Advisor Signature _____ Date _____