

IDN: _____ Printed Name: _____

BS-Biology-Major Code: 3006

Concentration Codes: C057 Biological Sciences _____ C058 Biomedical Professionals _____

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: 15 hours

Courses

BIOL 2003 Introduction to Cell Biology	3 Hours	Note 2 & 6	Grade _____
CHEM 1403/1401 College Chemistry I/Lab	4 Hours	Note 6	Grade _____
English composition requirement	3 Hours	Note 1	Grade _____
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade _____
STEM 1001 College Preparation for STEM Majors	1 Hour		Grade _____
FIN 1521 Personal Finance Applications	1 Hour	Note 9	Grade _____

FRESHMAN YEAR- SPRING SEMESTER: 16 hours

Courses

BIOL 2011 General Biology Laboratory	1 Hours	Note 2 & 6	Grade _____
BIOL 2013 Introduction to Organismal Biol	3 Hours	Note 2 & 6	Grade _____
CHEM 1413/1411 College Chemistry II/Lab	4 Hours	Note 6	Grade _____
STAT 2503 Probability and Statistics I	3 Hours	Note 6	Grade _____
English composition requirement	3 Hours	Note 1	Grade _____
Additional degree requirement	2 Hours	Note 5	Grade _____

SOPHOMORE YEAR- FALL SEMESTER: 15 hours

Courses

BIOL 2503/2501 General Microbiology or BIOL 2703/2701 General Zoology/Lab	4 Hours	Note 2 & 6	Grade _____
CHEM 2703/2701 Organic Chemistry I/Lab	4 Hours	Note 2 & 6	Grade _____
Concentration requirement	4 Hours	Note 2, 6 & 7	Grade _____
SPCH 1203 Intro to Speech Communication	3 Hours		Grade _____

SOPHOMORE YEAR- SPRING SEMESTER: 15 hours

Courses

BIOL 2503/2501 General Microbiology or BIOL 2703/2701 General Zoology/Lab	4 Hours	Note 2 & 6	Grade _____
CHEM 2713/2711 Organic Chemistry II/Lab	4 Hours	Note 2 & 6	Grade _____
Concentration requirement	4 Hours	Note 2, 6 & 7	Grade _____
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade _____

JUNIOR YEAR- FALL SEMESTER: 15 hours

Courses

Concentration requirement	3 Hours	Note 2, 6 & 7	Grade _____
Physics Sequence	4 Hours	Note 2, 3 & 6	Grade _____
Additional degree requirement	5 Hours	Note 5	Grade _____
Fine Arts/Humanities/Social Science Requirement	3 Hours	Note 1	Grade _____

JUNIOR YEAR- SPRING SEMESTER: 15 hours

Courses

BIOL 3803/3801 Genetics/Lab	4 Hours	Note 2 & 6	Grade _____
Physics Sequence	4 Hours	Note 2, 3 & 6	Grade _____
Fine Arts/Humanities/Social Sciences req	3 Hours	Note 1	Grade _____
Additional degree requirement	4 Hours	Note 5	Grade _____

SENIOR YEAR- FALL SEMESTER: 15 hours

IDN: _____ Printed Name: _____

Courses

Physiology requirement or

BIOL 4803/4801 Cell and Molecular Biology/Lab	4 Hours	Note 2, 6 & 8	Grade _____
BIOL 4403 Evolutionary Biology	3 Hours	Note 2 & 6	Grade _____
Upper-level biology electives	4 Hours	Note 2, 4 & 6	Grade _____
Additional degree requirement	4 Hours	Note 5	Grade _____

SENIOR YEAR- SPRING SEMESTER: 14 hours

Courses

BIOL 4001 Seminar in Biology	1 Hour	Note 2 & 6	Grade _____
Physiology requirement or			
BIOL 4803/4801 Cell and Molecular Biology/Lab	4 Hours	Note 2, 6 & 8	Grade _____
Upper-level biology electives	4 Hours	Note 2, 4 & 6	Grade _____
Additional degree requirement	2 Hours	Note 5	Grade _____
History/Government requirement	3 Hours	Note 1	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. Follow requirements with the following stipulations: biomedical professionals' concentration, social sciences, must choose one of the following: SOCI 2753, ECON 2803/2813, and must select one other social science from the list-PSYC 1163 is recommended.
2. These courses are used to determine major GPA, see Graduation Requirements section of this catalog.
3. Physics Sequence, eight hours. Select one sequence: PHYS 2803/2811 and PHYS 2823/2831 or PHYS 2903/2911 and PHYS 2923/2931.
4. Consult with advisor to select eight hours of upper-level biology electives.
5. Additional Degree Requirements, 17 hours, consult with advisor. Students choosing the biological science concentration will need nine upper-level hours. Students choosing biomedical professionals' concentration will need 13 upper-level hours. Select courses to ensure completion of 40 upper level hours required for graduation.
6. A grade of "C" or better is required in HIST 3053 and all natural science and mathematics courses taken towards major/concentration requirements.
7. Concentration requirement, 11 hours. Select and complete the courses within one concentration: biological sciences concentration: BIOL 2303/2301, HIST 3053, and BIOL 3403/3401; or biomedical professionals' concentration: BIOL 2203/2201, BIOL 2213/2211, CHEM 3403.
8. Physiology requirement, four hours. Select one of the following courses: BIOL 3814, BIOL 3824, or BIOL 3834.
9. 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 biology 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 biology 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 Registrar's Office. Approved by Dr. Shadow Robinson, March 1, 2024-Catalog Year 2024-2025. This document is not official until signed and dated by both the student and an authorized university representative.

Student Signature _____ Date _____

Advisor Signature _____ Date _____