

2021-2022 Degree Map-Bachelor of Science in Life Science Education

This map is a term-by-term sample course schedule. The milestones listed to the right of each term are designed to keep you on course to graduate in four years. The Sample Schedule serves as a general guideline to help you build a full schedule each term. See course descriptions and prerequisites at <http://www.atu.edu/catalog/>

Employment Information: Teacher of- Biological Science, Forestry/Conservation Science, Atmospheric, Earth, Marine, and Space Science

#Prerequisite Courses: ENGL 0303 _____ MATH 0803 _____ MATH 1003 _____ MATH 0903 _____ MATH 1110 _____

Sample Schedule

| Semester 1 | Hrs. | Grade | Milestones/Notes | Semester 1 |
|---|-----------|------------|---------------------------------------|------------|
| ENGL 1013- Comp I (ACTS=ENGL 1013) | 3 | # | Required for admission to Stage II | |
| MATH 1113- College Algebra (ACTS= MATH 1103) | 3 | # | Required for admission to Stage II | |
| BIOL 1011- Orientation to the Biological Sciences | 1 | # | | |
| BIOL 1114- Principles of Biology (ACTS= BIOL 1014) | 4 | # | | |
| CHEM 2124/2120- General Chemistry I (ACTS= CHEM 1414) | 4 | # | | |
| Total hours | 15 | GPA | | |
| Semester 2 | Hrs. | Grade | Milestones/Notes | Semester 2 |
| ENGL 1023- Comp II (ACTS= ENGL 1023) | 3 | # | Required for admission to Stage II | |
| HIST 1903- Survey of American History | 3 | # | | |
| BIOL 2124- Principles of Zoology (ACTS=BIOL1054) | | | | |
| OR BIOL 2134- Principles of Botany (ACTS= BIOL1034) | 4 | # | | |
| CHEM 2134/2130- General Chemistry II (ACTS= CHEM 1424) | 4 | # | | |
| Total hours | 14 | GPA | | |
| Semester 3 | Hrs. | Grade | Milestones/Notes | Semester 3 |
| GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104) | 4 | # | | |
| OR GEOL 1014- Physical Geology (ACTS=GEOL 1114) | | # | | |
| STAT 2163- Intro/Statistical Methods(ACTS=MATH2103) | 3 | # | | |
| BIOL 2124- Principles of Zoology (ACTS=BIOL1054) | | | | |
| OR BIOL 2134- Principles of Botany (ACTS= BIOL1034) | 4 | # | | |
| PHYS 2014/2000- Algebra-Based Physics I (ACTS= PHYS2014) | 4 | # | | |
| SEED 2002- Education as a Profession | 2 | # | Required for admission to Stage II | |
| Total hours | 17 | GPA | | |
| Semester 4 | Hrs. | Grade | Milestones/Notes | Semester 4 |
| COMM 2003- Public Speaking | 3 | # | Required for admission to Stage II | |
| ANTH 2003- Cultural Anthropology (ACTS=ANTH 2013) | 3 | # | Apply for Admission to Stage II | |
| BIOL/FW 3114- Principles of Ecology | 4 | # | 2.70+ GPA REQUIRED | |
| PHYS 2024/2010- Algebra-Based Physics II (ACTS= PHYS2024) | 4 | # | | |
| POLS 2003- American Government (ACTS= PLS2003) | 3 | # | | |
| Total hours | 17 | GPA | LSED and SEED Advisor Assigned | |

The Arkansas Course Transfer System (ACTS) is designed to assist in planning the academic progress of students. This system contains information about the transferability of courses within Arkansas public colleges and universities. The Arkansas Course Transfer System can be accessed at <https://www.adhe.edu/students-parents/colleges-universities/transfer-info.-for-students/>

Fine Arts and Humanities

ART 2123 Experiencing Art (ACTS=ARTA1003)
 MUS 2003 Introduction to Music (ACTS=MUSC1003)
 TH 2273 Introduction to Theatre (ACTS=DRAM 1003)
 ENGL 2173 Introduction to Film
 JOUR 2173 Introduction to Film
 ENGL 2183 Honors Introduction to Film
 ENGL 2003 Introduction to World Literature (ACTS=ENGL2113)
 ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)
 ENGL 2023 Honors World Literature
 PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)
 PHIL 2043 Honors Introduction to Philosophy
 PHIL 2053 Introduction to Critical Thinking (ACTS=PHIL 1003)

Sample Schedule

| Semester 5 | Hrs. | Grade | Milestones/Notes | Semester 5 |
|---|-----------|------------|---|------------|
| BIOL 2004- Basic Human Anatomy and Physiology | 3 | # | | |
| CHEM 3254- Fundamentals of Organic Chemistry | 4 | # | | |
| MATH 2243-Calculus for Bus/Econ (ACTS=MATH2203) | 3 | # | MATH 2914 (Calculus I) will Substitute | |
| SEED 3702- Introduction to Educational Technology | 2 | # | | |
| Total hours | 13 | GPA | | |
| Semester 6 | Hrs. | Grade | Milestones/Notes | Semester 6 |
| Fine Arts & Humanities | 3 | | | |
| BIOL 3034- Genetics | 4 | # | | |
| BIOL 3054 - Microbiology and 3 hrs Biology Elective | | | | |
| OR BIOL 4033- Cell Biology and 4 hrs Biology Elective | 7 | # | | |
| BIOL/PHSC 3252- The Nature and Context of Science | 2 | # | | |
| Total hours | 16 | GPA | APPLY FOR GRADUATION | |
| Semester 7 | Hrs. | Grade | Milestones/Notes | Semester 7 |
| Fine Arts & Humanities | 3 | | | |
| BIOL/PHSC 3233- Science Ed in Secondary School | 3 | # | Must Complete SEED 2002 | |
| BIOL 4891- Seminar in Biology | 1 | # | | |
| SEED 4054- Educating Developing, Diverse, and Exceptional Learners | 4 | # | Requires Stage II Admission | |
| SEED 4556- Classroom App of Educational Psychology | 6 | # | Requires Stage II Admission | |
| Total hours | 17 | GPA | Apply for Internship | |
| Students must receive passing Praxis II scores to be admitted to Internship. | | | | |
| Semester 8 | Hrs. | Grade | Milestones/Notes | Semester 8 |
| BIOL 4701- Special Methods in Biology | 1 | # | MUST BE ADMITTED TO INTERNSHIP | |
| SEED 4503- Seminar in Secondary Education | 3 | # | | |
| SEED 4909- Teaching in the Secondary School | 9 | # | | |
| Total Hours | 13 | GPA | Graduation Requirements: Min. 122 earned hours 2.70+ GPA | |

General Electives: 0

indicates a "C" or better is required