

2014-2015 Degree Map-Bachelor of Science in Biology: General Option

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/academics/catalog/>.

Possible careers include: Clinical Research Coordinator, Water Resource Specialist, Molecular and Cellular Biologist, Life Scientist, Biological Science Teacher

#Remedial Courses (if applicable): ENGL 0303 ___ ENGL 0404 ___ READ 0103 ___ MATH 0903 ___

Sample Schedule
Milestones/Notes

Semester 1	Hrs.	Grade	Semester 1
ENGL 1013-Comp I (ACTS=ENGL 1013)	3	#	
Social Science	3		
MATH 1113- College Algebra (ACTS= MATH 1103)	3	#	
BIOL1011: Orientation to the Biological Sciences	1		
BIOL1114: Principles of Biology (ACTS= BIOL 1014)	4		
Total hours	14	GPA	

Semester 2	Hrs.	Grade	Semester 2
ENGL 1023: Comp II (ACTS= ENGL 1023)	3	#	
Social Science	3		
BIOL 2124: Zoology or BIOL 2134: Botany	4		(ACTS= BIOL 1054 or 1034)
Physical Activity	2		
Any COMS	3		
Total hours	15	GPA	

Semester 3	Hrs.	Grade	Semester 3
U.S. History & Government	3		
CHEM2124/2120: Gen. Chem. I (ACTS=CHEM1414) MILESTONE	4		Complete by Semester 4
BIOL 2124: Zoology or BIOL 2134: Botany	4		(ACTS= BIOL 1054 or 1034)
Math Elective (math higher than MATH 1113)	3		See Tech Catalog for recommendations
*General Elective	3		
Total hours	17	GPA	

Semester 4	Hrs.	Grade	Semester 4
SPH 2003: Public Speaking	3		SPH 2173 may substitute.
CHEM2134/2130: General Chemistry II (ACTS= CHEM 1424)	4		
BIOL3034: Genetics	4		
*Biology elective	4		
Total hours	15	GPA	BIOL 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 <http://acts.adhe.edu/>

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 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

U.S. History & Government

HIST 1903 Survey of American History
 HIST 2003 U.S. History I (ACTS=HIST2113)
 HIST 2043 Honors U.S. History I
 HIST 2013 U.S. History II (ACTS=HIST2123)
 POLS 2003 American Government (ACTS=PLSC2003)
Speech Courses
 SPH 1003 Intro. to Speech Com. (ACTS=SPCH1003)
 SPH 2003 Public Speaking
 SPH 2173 Business and Professional Speaking

Sample Schedule
Milestones/Notes

Semester 5	Hrs.	Grade	Semester 5
CHEM3254: Fundamentals of Organic Chemistry	4		
PHYS2014/2000: Physical Principles I (ACTS=PHYS 2014)	4		
BIOL3114: Principles of Ecology or BIOL 4094: Coastal Ecology (Only offered in May)	4		BIOL4094 includes a trip to Gulf Coast. Offered only in May mini term.
Math Elective (math higher than MATH 1113)	3		Courses in statistics and calculus or statistics and FW 3173 Biostatistics are recommended
Total hours	15	GPA	

Semester 6	Hrs.	Grade	Semester 6
CHEM3264: Mechanistic Organic Chemistry	4		
PHYS2024/2010: Physical Principles II (ACTS=PHYS 2024)	4		
*Biology Elective	4		
*General Elective	3		
Total hours	15	GPA	APPLY FOR GRADUATION

*Must choose sufficient electives at 3000-4000 level to constitute a total of 40 hours.

Semester 7	Hrs.	Grade	Semester 7
Fine Arts & Humanities	3		
Physiology or Cellular Elective	3-4		See Tech Catalog for recommendations
*Biology Elective	3-4		
*General Elective	3		
*General Elective	2		
Total hours	14-16	GPA	

*Must choose sufficient electives at 3000-4000 level to constitute a total of 40 hours.

Semester 8	Hrs.	Grade	Semester 8
Fine Arts & Humanities	3		Graduation Requirements: Min. hours 3000-4000 level courses: 40 No more than 4 PE activity hours Min. hours required:120 2.00+ GPA No more than 12 hours of "D" grades
Physiology or Cellular Elective (See Catalog)	3-4		
BIOL4891: Seminar in Biology	1		
*Biology Elective	3-4		
*General Elective	3		
Total Hours	13-15	GPA	

General Electives: 14 hours (*Must choose sufficient General and Biology Electives at 3000-4000 level to constitute a total of 40 upper level hours)

indicates a "C" or better is required

HIST 1503 World Civilization (ACTS=HIST1113)
 HIST 1513 World Civilization II (ACTS=HIST1123)
 HIST 1543 Honors World Civilization I
 HIST 2003 U.S. History I (ACTS=HIST2113)
 HIST 2013 U.S. HISTORY II (ACTS=HIST2123)
 HIST 2043 Honors U.S. History I
 HIST 1903 Survey of American History
 POLS 2003 American Government (ACTS=PLSC2003)
 ECON 2003 Principles of Economics I (ACTS=ECON2103)
 ECON 2103 Honors Principles of Economics I

Social Sciences

ECON 2013 Principles of Economics II (ACTS=ECON2203)
 SOC 1003 Introductory Sociology (ACTS=SOCI1013)
 PSY 2003 General Psychology (ACTS=PSYC1103)
 ANTH 1213 Intro. to Anthropology (ACTS=ANTH1013)
 ANTH 2003 Cultural Anthropology (ACTS=ANTH2013)
 GEOG 2013 Regional Geography of the World (ACTS=GEOG2103)
 AMST 2003 American Studies