

2+2 Degree Plan
Associate of Science - Liberal Arts & Sciences (STEM)
NWACC
Bachelor of Science, Biology – Environmental Option

Northwest Arkansas Community College Courses (60 credit hours)

General Education Requirements (35 credit hours)

English/Communications (6 hours)			ATU equivalent	Hours
ENGL	1013	English Composition I	ENGL 1013 Composition I	3
ENGL	1023	English Composition II	ENGL 1023 Composition II	3

Math (3 hours)			ATU equivalent	Hours
MATH	1203	College Algebra	MATH 1113 College Algebra	3

*Or higher-level MATH course.

Lab Sciences (8 hours)			ATU equivalent	Hours
BIOL	1544	Principles of Biology I	BIOL 1114 Principles of Biology	4
CHEM	1104	College Chemistry I	CHEM 2124 General Chemistry I <i>and</i> CHEM 2120 General Chemistry I Lab	4

U.S. History/Government (3 hours) Choose One			ATU equivalent	Hours
HIST	2003	History of American People - 1877	HIST 2003 United States History to 1877	3
HIST	2013	History of American People – 1877 to Present	HIST 2013 United States History since 1877	3
PLSC	2003	American National Government	POLS 2003 American Government	3

Fine Arts & Humanities (6 hours) Choose Two			ATU equivalent	Hours
ARHS	1003	Art Appreciation	ART 2123 Experiencing Art	3
COMM	1003	Film Arts	JOUR/ENGL 2173 Introduction to Film	3
ENGL	2213	Survey of World Literature to 1650	ENGL 2003 Introduction to World Literature	3
ENGL	2313	Survey of American Lit. to Civil War	ENGL 2013 Introduction to American Literature	3
MUSI	1003	Music Appreciation	MUS 2003 Introduction to Music	3
THTR	1003	Introduction to Theater	TH 2273 Introduction to Theatre	3

*See Arkansas Course Transfer System (ADHE-ACTS) for fine arts/humanities alternatives.

Social Sciences (9 hours)			ATU equivalent	Hours
SOCI	2013	General Sociology	SOC 1003 Introduction to Sociology	3
ECON	2013	Macroeconomics	ECON 2003 Principles of Macroeconomics	3
ANTH	1023	Intro. to Cultural Anthropology	ANTH 2003 Cultural Anthropology	3
HIST	1033	World Civilizations to 1500	HIST 1503 World History to 1500	
HIST	1043	World Civilizations from 1500	HIST 1513 World History since 1500	
PHIL	2003	Introduction to Philosophy	PHIL 2003 Introduction to Philosophy	
PSYC	2003	General Psychology	PSY 2003 General Psychology	

*See Arkansas Course Transfer System (ADHE-ACTS) for social sciences credit alternatives.

Northwest Arkansas Community College Courses
Associate Degree Requirements & Electives (25 credit hours)

			ATU equivalent	Hours
BOTY	2534	Environmental Biology	BIOL 1004 Principles of Environmental Science	4
GEOL	1114	General Geology	GEOL 1014 Physical Geology	4
CHEM	1124	College Chemistry II	CHEM 2134 General Chemistry II <i>and</i> CHEM 2130 General Chemistry II Lab	4
BOTY	1614	Plant Biology	BIOL 2134 Principles of Botany	4
COMM	1303	Public Speaking	COMM 2003 Public Speaking	3
PSYC	2013	Intro to Statistics for Behavioral and Social Sciences	SOC/PSY 2053 Statistics for the Behavioral Sciences	3
		Approved Electives		3

Arkansas Tech University Courses (60-63 credit hours)

BIOL	1011	Orientation to Biological Sciences ¹	Waive
BIOL	2134	Principles of Botany	4
CHEM	2134	General Chemistry II <i>and</i>	4
CHEM	2130	General Chemistry II Lab	
CHEM	3254	Fundamentals of Organic Chemistry	4
CHEM	3264	Mechanistic Organic Chemistry	4
PHYS	2014	Algebra-Based Physics I <i>and</i>	4
PHYS	2000	Physics Laboratory I	
PHYS	2024	Algebra-Based Physics II <i>and</i>	4
PHYS	2000	Physics Laboratory II	
BIOL	3034	Genetics	4
BIOL/ENVS	3043	Conservation	3
BIOL	3054	Microbiology	4
BIOL	3114	Principles of Ecology <i>or</i>	4
BIOL	4094	Coastal Ecology	
BIOL	3174	Physiological Ecology	4
BIOL	4111	Environmental Seminar	1
		Directed Elective - Environmental	9-12
		Major Support Elective	6-8
		Directed Elective - Mathematics or Statistics	3
		Electives	0-2

¹Waive ATU BIOL 1011 Orientation to Biological Sciences for NWACC transfer students into ATU Environmental Science.