

Arkansas State University - Mountain Home

Advising Guide

		STEM Prep	Done	Curr	To do	BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	
English (6 hours)															
ENG 1003	Composition I					3	3	3	3	3	3	3	3	3	
ENG 1013	Composition II					3	3	3	3	3	3	3	3	3	
Communications (3 hours)															
GNEG 1103	Introduction to Engineering (U of A course)	X				3	3	3	3	3	3	3	3	3	
SCOM 1203	Oral Communication								3	3					
Mathematics (8 hours)															
MATH 2204	Calculus I	X				4	4	4	4	4	4	4	4	4	
MATH 2214	Calculus II	X				4	4	4	4	4	4	4	4	4	
MATH 2574	Calculus III (U of A course)	X				4	4	4		4		4	4	4	
Science															
CHEM 1014	General Chemistry I					4	4	4	4	4	4	4	4	4	
CHEM 1024	General Chemistry II					4	4	4	CHEM 1024, BIOL 1004, or GEO 1004	CHEM 1024, BIOL 1004, or GEO 1004	4	CHEM 1024 or BIOL 1004	CHEM 1024, BIOL 1004, or GEO 1004	CHEM 1024, BIOL 1004, or GEO 1004	
BIOL 1004	Biological Science					4	4								
GEO 1004	Physical Geology										4				
PHYS 2054	University Physics I (U of A course)	X				4	4	4	4	4	4	4	4	4	
PHYS 2074	University Physics I (U of A course)	X				4	4	4	4	4	4	4	4	4	
BIOL 2104	Microbiology					4	4								
Humanities and Social Science (15-18 hours)															
US History/Government (3 hours)						3	3	3	3	3	3	3	3	3	
POSC 2103	United States Government														
HIST 2763	The United States to 1876														
HIST 2773	The United States since 1876														
Economics (3-6 hours):															
ECON 2313	Principles of Macroeconomics					3	3	3	3	3	3	3	3	3	
ECON 2323	Principles of Microeconomics												3	3	
Social Science (3-6 hours)						6	6	6	6	6	6	6	3	6	
SOC 2233	Introduction to Cultural Anthropology														
GEOG 2703	World Geography														
HIST 2763	The United States to 1876														
HIST 2773	The United States since 1876														
SOC 2213	Principles of Sociology														
SOC 2223	Social Problems														
POSC 2103	United States Government														
HIST 1013	World Civilization to 1660														
HIST 1023	World Civilization since 1660														
PSY 2513	Introduction to Psychology														
Fine Arts (3 hours)						3	3	3	3	3	3	3	3	3	
ART 2503	Fine Arts - Visual														
MUS 2503	Fine Arts - Music														
THEA 2503	Fine Arts - Theatre														
Humanities (0-3 hours)						3	3	3	0	0	3	3	3	0	
Any intermediate I foreign language															
PHIL 1103	Introduction to Philosophy														
ENG 2003	World Literature I														
ENG 2013	World Literature II														
Technical Electives															
CSCE 2004	Programming Foundations I (U of A course)	X							4	4			4		
Notes:										***Always check for the most recent version: http://stemprep.uark.edu					
*All courses have been evaluated by the University of Arkansas College of Engineering.										BENG	Biological Eng	CVEG	Civil Eng		
*Courses taken outside of these courses are not guaranteed to transfer.										BMEG	Biomedical Eng	ELEG	Electrical Eng		
*The number of hours correspond to the number of hours need by each degree program.										CHEG	Chemical Eng	INEG	Industrial Eng		
*Classes listed in multiple sections will only count in one section.										CompS	Computer Science	MEEG	Mechanical Eng		
										CompE	Computer Eng				