

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
SPCH 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			
BIOL 2104	Microbiology					4	4							
Humanities and Social Science (15-18 hours)														
US History/Government (3 hours)														
POSC 2103	United States Government					3	3	3	3	3	3	3	3	3
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	
Social Science (3-6 hours)														
SOC 2233	Introduction to Cultural Anthropology					6	6	6	6	6	6	6	3	6
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)														
ART 2503	Fine Arts - Visual					3	3	3	3	3	3	3	3	3
MUS 2503	Fine Arts - Music													
THEA 2503	Fine Arts - Theatre													
Humanities (0-3 hours)														
Any intermediate I foreign language						3	3	3	0	0	3	3	3	0
PHIL 1103	Introduction to Philosophy													
ENG 2003	World Literature to 1660													
ENG 2013	World Literature since 1660													
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