

North Arkansas College - Advising Guide

U of A STEM Prep Program - stemprep.uark.edu

		STEM Prep	Done	Curr	To do	BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
English (6 hours)														
ENGL	1013 English Composition I					3	3	3	3	3	3	3	3	3
ENGL	1023 English Composition II					3	3	3	3	3	3	3	3	3
Communications (3-6 hours)														
GNEG	1103 Introduction to Engineering (U of A course)	X				3	3	3	3	3	3	3	3	3
SPCH	2303 Public Speaking								3	3				
Mathematics (14 hours)														
MAT	2204 Analytical Geometry and Calculus I	X				4	4	4	4	4	4	4	4	4
MAT	2304 Analytical Geometry and Calculus II	X				4	4	4	4	4	4	4	4	4
MAT	2404 Analytical Geometry and Calculus III	X				4		4		4	4	4	4	4
Science (16 hours)														
CHEM	1415 College Chemistry I					4	4	4	4	4	4	4	4	4
BIOL	2014 Microbiology					4	*				*			
CHEM	1425 College Chemistry II					4	4	4	*	*	*		*	*
BIOL	1014 General Biology					4	4		*	*		*	*	*
PHSC	1044 Introduction to Astronomy								*	*			*	*
GEOL	1014 Physical Geology								*	*	4			*
BIOL	2214 Anatomy and Physiology I						4	*	*	*		*	*	*
PHYS	2144 University Physics I					4	4	4	4	4	4	4	4	4
Humanities and Social Science (15-18 hours)														
US History/Government (3 hours)						3	3	3	3	3	3	3	3	3
PLSC	2003 American National Government													
HIST	2003 US History I													
HIST	2013 US History II													
Economics (3-6 hours):						3	3	3	3	3	3	3	3	3
ECON	2313 Macroeconomics												3	
ECON	2323 Microeconomics													
Social Science (3-6 hours)						6	6	6	6	6	6	6	3	6
ANTH	2023 Cultural Anthropology													
HIST	1113 World Civilizations I													
HIST	1123 World Civilizations II													
HIST	2003 US History I													
HIST	2013 US History II													
SOC	2013 Introduction to Sociology													
SOC	2203 Social Problems													
PSYC	2003 General Psychology													
Fine Arts (3 hours)						3	3	3	3	3	3	3	3	3
ART	1003 Art Appreciation													
MUS	1003 Music Appreciation													
FA	1203 Film Classics													
ENGL	2303 Creative Writing													
DRAM	1003 Theatre Appreciation													
Humanities (0-3 hours)						3	3	3	0	0	3	3	3	0
Any intermediate I foreign language														
PHIL	1003 Introduction to Philosophy													
PHIL	1103 Critical Thought													
ENGL	2213 World Literature I													
ENGL	2223 World Literature II													
Technical Electives														
CSCE	2004 Programming Foundations I (U of A course)	X							4	4				
Notes:														
All courses have been evaluated by the University of Arkansas College of Engineering. Courses taken outside of these courses are not guaranteed to transfer. The number of hours correspond to the number of hours need by each degree program. Classes listed in multiple sections will only count in one section. Always check courseequivalency.uark.edu for updated course information.														
*Indicates an elective. If there are multiple in a section, choose one.														
						BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
						Biological Eng	Biomedical Eng	Chemical Eng	Computer Sci	Computer Eng	Civil Eng	Electrical Eng	Industrial Eng	Mechanical Eng