

# North Arkansas College - Advising Guide

U of A STEM Prep Program - [stemprep.uark.edu](http://stemprep.uark.edu)

		STEM Prep	Done	Curr	To do	BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
<b>English (6 hours)</b>														
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
<b>Communications (3-6 hours)</b>														
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				
<b>Mathematics (14 hours)</b>														
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
<b>Science (16 hours)</b>														
CHEM 1415	College Chemistry I					4	4	4	4	4	4	4	4	4
BIOL 2014	Microbiology					4	*				4			
CHEM 1425	College Chemistry II					4	4	4	4	4	4		4	4
BIOL 1014	General Biology					4	4		4	4		4	4	4
PHSC 1044	Introduction to Astronomy													4
GEOG 1014	Physical Geology								4	4	4			4
BIOL 2214	Anatomy and Physiology I						4							
PHYS 2144	University Physics I					4	4	4	4	4	4	4	4	4
<b>Humanities and Social Science (15-18 hours)</b>														
<b>US History/Government (3 hours)</b>														
PLSC 2003	American National Government					3	3	3	3	3	3	3	3	3
HIST 2003	US History I													
HIST 2013	US History II													
<b>Economics (3-6 hours):</b>														
ECON 2313	Macroeconomics					3	3	3	3	3	3	3	3	3
ECON 2323	Microeconomics												3	
<b>Social Science (3-6 hours)</b>														
ANTH 2023	Cultural Anthropology					6	6	6	6	6	6	6	3	6
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													
<b>Fine Arts (3 hours)</b>														
ART 1003	Art Appreciation					3	3	3	3	3	3	3	3	3
MUS 1003	Music Appreciation													
FA 1203	Film Classics													
ENGL 2303	Creative Writing													
DRAM 1003	Theatre Appreciation													
<b>Humanities (0-3 hours)</b>														
Any intermediate I foreign language						3	3	3	0	0	3	3	3	3
PHIL 1003	Introduction to Philosophy													
PHIL 1103	Critical Thought													
ENGL 2213	World Literature I													
ENGL 2223	World Literature II													
<b>Technical Electives</b>														
CSCE 2004	Programming Foundations I (U of A course)	X							4	4		4		
<b>Notes:</b>														
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 <a href="http://courseequivalency.uark.edu">courseequivalency.uark.edu</a> for updated course information.						BENG	Biological Eng	CVEG	Civil Eng					
*Indicates an elective. If there are multiple in a section, choose one.						BMEG	Biomedical Eng	ELEG	Electrical Eng					
						CHEG	Chemical Eng	INEG	Industrial Eng					
						CompS	Computer Sci	MEEG	Mechanical Eng					
						CompE	Computer Eng							