

North Arkansas College

Advising Guide

		STEM Prep	Done	Curr	To do												
English (6 hours)						BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG			
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)						BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG			
GNEG	1103 Introduction to Engineering (U of A course)	X	___	___	___	3	3	3	3	3	3	3	3	3			
SPCH	1313 Fundamentals of Oral Communications		___	___	___				3	3							
Mathematics (14 hours)						BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG			
MAT	2205 Analytical Geometry and Calculus I	X	___	___	___	4	4	4	4	4	4	4	4	4			
MAT	2305 Analytical Geometry and Calculus II	X	___	___	___	4	4	4	4	4	4	4	4	4			
MAT	2504 Analytical Geometry and Calculus III	X	___	___	___	4	4	4		4		4	4	4			
Science (16 hours)						BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG			
CHEM	1415 College Chemistry I		___	___	___	4	4	4	4	4	4	4	4	4			
CHEM	1425 College Chemistry II		___	___	___	4	4	4	CHEM 1425, BIOL 1004, or GEOL 1014	CHEM 1425, BIOL 1004, or GEOL 1014	4	CHEM 1425 or BIOL 1004	CHEM 1425, BIOL 1004, or GEOL 1014	CHEM 1425, BIOL 1004, or GEOL 1014			
BIOL	1004 General Biology		___	___	___	4	4				4						
GEOL	1014 General 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 II (U of A course)	X	___	___	___	4	4	4	4	4	4	4	4	4			
BIOL	2014 Microbiology		___	___	___	4	4										
Humanities and Social Science (15-18 hours)						BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG			
US History/Government (3 hours)						3	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):																	
ECON	2313 Macroeconomics		___	___	___	3	3	3	3	3	3	3	3	3	3		
ECON	2323 Microeconomics		___	___	___									3	3		
Social Science (3-6 hours)						6	6	6	6	6	6	6	3	6			
ANTH	2023 Cultural Anthropology		___	___	___												
GEOG	2003 Human Geography		___	___	___												
HIST	1003 History of Western Civilization I		___	___	___												
HIST	1013 History of Western Civilization II		___	___	___												
HIST	2003 US History I		___	___	___												
HIST	2013 US History II		___	___	___												
SOC	2013 Introduction to Sociology		___	___	___												
PSYC	2003 General Psychology		___	___	___												
SOC	2203 Social Problems		___	___	___												
Fine Arts (3 hours)						3	3	3	3	3	3	3	3	3			
ART	1003 Art Appreciation		___	___	___												
MUS	1003 Music Appreciation		___	___	___												
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	2213 World Literature II		___	___	___												
Technical Electives						BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG			
CSCE	2004 Programming Foundations I (U of A course)	X	___	___	___				4	4				4			
Notes:																	
*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 Sci				MEEG	Mechanical Eng					
						CompE	Computer Eng										

***Always check for the most recent version: <http://stemprep.uark.edu>