

Arkansas Northeastern College Advising Guide

		STEM Prep	Done	Curr	To do	BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
English (6 hours)														
EN	12003 English Composition I		___	___	___	3	3	3	3	3	3	3	3	3
EN	12013 English 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
SP	12103 Introduction to Communication		___	___	___				3	3				
Mathematics (12 hours)														
MA	24015 Calculus I	X	___	___	___	4	4	4	4	4	4	4	4	4
MA	24025 Calculus II	X	___	___	___	4	4	4	4	4	4	4	4	4
MA	24033 Calculus III	X	___	___	___	4	4	4	4	4	4	4	4	4
Science (16 hours)														
CH	14023 General Chemistry I		___	___	___	3	3	3	3	3	3	3	3	3
CH	14043 General Chemistry II		___	___	___	3	3	3	CH 14043, BI 14033, or PS 14043	CH 14043, BI 14033, or PS 14043	3	CH 14043 or BI 14033	CH 14043, BI 14033, or PS 14043	CH 14043, BI 14033, or PS 14043
BI	14033 General Biology		___	___	___	3	3							
PS	14043 Physical Geology		___	___	___				PS 14043	14043	3		PS 14043	PS 14043
PS	24123 Fundamental Physics I	X	___	___	___	3	3	3	3	3	3	3	3	3
PS	24143 Fundamental Physics II	X	___	___	___	3	3	3	3	3	3	3	3	3
BI	24043 Microbiology		___	___	___	3	3							
Humanities and Social Science (15-18 hours)														
US History/Government (3 hours)														
PO	23003 American National Government		___	___	___	3	3	3	3	3	3	3	3	3
HI	23003 The US to 1876		___	___	___									
HI	23013 The US since 1876		___	___	___									
Economics (3-6 hours):														
EC	21003 Macroeconomics		___	___	___	3	3	3	3	3	3	3	3	3
EC	21013 Microeconomics		___	___	___								3	3
Social Science (3-6 hours)														
AN	23003 Intro to Anthropology		___	___	___	6	6	6	6	6	6	6	3	6
PY	23023 Developmental Psychology		___	___	___									
HI	23003 The US to 1876		___	___	___									
HI	23013 The US since 1876		___	___	___									
HI	13003 World Civilizations to 1600		___	___	___									
HI	13013 World Civilization since 1600		___	___	___									
PY	23003 General Psychology		___	___	___									
SO	23013 Introduction to Sociology		___	___	___									
SO	23043 Social Problems		___	___	___									
Fine Arts (3 hours)														
AR	22003 Art Appreciation		___	___	___	3	3	3	3	3	3	3	3	3
MU	22003 Music Appreciation		___	___	___									
SP	22013 Fine Arts Theatre		___	___	___									
Humanities (0-3 hours)														
	Any intermediate I foreign language		___	___	___	3	3	3	0	0	3	3	3	0
PH	22003 Intro to Philosophy		___	___	___									
EN	22003 World Literature I		___	___	___									
EN	22013 World Literature II		___	___	___									
Technical Electives														
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>