

Arkansas Northeastern College - Advising Guide		U of A Course	STEM Prep	Done	Curr	To do											
English (6 hours)							BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
EN	12003 English Comp I	ENGL 1013					3	3	3	3	3	3	3	3	3	3	
EN	12013 English Comp II	ENGL 1023					3	3	3	3	3	3	3	3	3	3	
Intro classes (3 hours)							BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
GNEG	1103 Intro to Eng. (U of A course)	GNEG 1103	X				3	3	3	3	3	3	3	3	3		
DASC	10003 Intro to Data Science		X														3
Mathematics (12 hours)							BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
MA	24015 Calculus I	MATH 2554	X				4	4	4	4	4	4	4	4	4	4	
MA	24025 Calculus II	MATH 2564	X				4	4	4	4	4	4	4	4	4	4	
MA	24033 Calculus III	MATH 2574	X				4		4		4	4	4	4	4		
Science (8-16 hours)							BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
CH	14023 General Chemistry I	CHEM 1103					3	3	3	3	3	3	3	3	3	4	
CH	14043 General Chemistry II	CHEM 1123						4	4	4*	4*	4*		3*	4*	4*	
BI	14033 General Biology	BIOL 1543					3	3		4*	4*		4*	3*	4*	4*	
PS	14043 Physical Geology	GEOS 1113					3*			4*	4*	4		3*	4*	4*	
Humanities & Social Science (15-18 hours)							BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
US History/Government (3 hours)							3	3	3	3	3	3	3	3	3	3	
PO	23003 American National Govt	PLSC 2003															
HI	23003 The US to 1876	HIST 2003															
HI	23013 The US since 1876	HIST 2013															
Economics (3-6 hours):							3	3	3	3	3	3	3	6	3	0	
EC	21003 Macroeconomics	ECON 2013												3			
EC	21013 Microeconomics	ECON 2023												3			
Social Science (3-6 hours)							6	6	6	6	6	6	6	6	6	6	
HI	13003 World Civilization to 1600	HIST 1113															
HI	13013 World Civilization since 1600	HIST 1123															
PY	23003 General Psychology	PSYC 2003															
PY	23023 Developmental Psychology	HDFS 1403															
SO	23013 Introduction to Sociology	SOCI 2013															
SO	23043 Social Problems	SOCI 2033															
Fine Arts (3 hours)							3	3	3	3	3	3	3	3	3	3	
AR	22003 Art Appreciation	ARHS 1003															
EN	22023 Creative Writing																
MU	22003 Music Appreciation	MLIT 1003															
TH	22013 Fine Arts Theatre	THTR 1003															
Humanities (0-3 hours)							3	3	3	0	0	3	3	3	3	0	
Any intermediate I foreign language																	
PH	22003 Intro to Philosophy	PHIL 2003															
EN	22003 World Literature I	WLIT 1113															
EN	22013 World Literature II	WLIT 1123															
Technical Electives							BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
CSCE	2004 Prog. Foundations I (U of A course)		X							4	4						
DASC	12203 Role of Data Science in Today's World		X														
DASC	10201 R Programming for Data Science		X														
DASC	16003 Python Programming for Data Science		X														
DASC	21303 Data Privacy & Ethics		X														
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 needed 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	Biological Eng				CVEG	Civil Eng				
							BMEG	Biomedical Eng				ELEG	Electrical Eng				
							CHEG	Chemical Eng				INEG	Industrial Eng				
							CompS	Computer Sci				MEEG	Mechanical Eng				
							CompE	Computer Eng				DATA	Data Science				