

UACC Hope-Texarkana - Advising Guide
U of A STEM Prep Program - stemprep.uark.edu

	STEM Prep	Done	Curr	To do											
English (6 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
ENGL 1013 Composition I					3	3	3	3	3	3	3	3	3	3	
ENGL 1023 Composition II					3	3	3	3	3	3	3	3	3	3	
Communications (3 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
GNEG 1103 Introduction to Engineering (U of A course)	X				3	3	3	3	3	3	3	3	3		
SPCH 1313 Principles of Speech	X							3	3					3	
Mathematics (12 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
MATH 2015 Calculus I	X				4	4	4	4	4	4	4	4	4	4	
MATH 2025 Calculus II	X				4	4	4	4	4	4	4	4	4	4	
MATH 2574 Calculus III (U of A course)	X				4		4		4	4	4	4	4		
Science (8-16 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
CHEM 1114 Chemistry I					3	3	3	3	3	3	3	3	3	3	
CHEM 1124 Chemistry II					4	4	4	4*	4*	4*			4*	4*	
BIOL 1204 Biology					4	4		4*	4*		4*	3*	4*	4*	
GEOL 1004 Physical Geology					3*			4*	4*	4		3*	4*	4*	
Humanities and 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	
PLSC 2103 American Government															
HIST 2103 U.S. History I															
HIST 2023 U.S. History II															
Economics (3-6 hours):					3	3	3	3	3	3	3		3		
ECON 2003 Macroeconomics												3			
ECON 2103 Microeconomics															
Social Science (3-6 hours)					6	6	6	6	6	6	6	3	6	6	
SOCI 2013 Cultural Anthropology															
HIST 2103 U.S. History I															
HIST 2023 U.S. History II															
SOCI 2413 Sociology															
SOCI 2003 Social Problems															
PLSC 2103 American Government															
HIST 1003 History of Civilization to 1660															
HIST 1013 History of Civilization since 1660															
PSYC 2303 General Psychology															
Fine Arts (3 hours)					3	3	3	3	3	3	3	3	3	3	
ARTS 2003 Art Appreciation															
MUSI 2103 Music Appreciation															
ARTS 2013 Introduction to Film															
DRAM 2003 Introduction to Theatre Arts															
Humanities (0-3 hours)					3	3	3	0	0	3	3	3	3	0	
Any intermediate I foreign language															
PHIL 2103 introduction to Philosophy													3		
ENGL 2123 World Literature I															
ENGL 2203 World Literature II															
Technical Electives					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
CSCE 2004 Programming Foundations I (U of A course)	X							4	4		4				
DASC 12203 Role of Data Science in Today's World	X														3
DASC 10201 R Programming for Data Science	X														3
DASC 16003 Python Programming for Data Science	X														3
DASC 21303 Data Privacy & Ethics	X														3
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	Biological Eng	CVEG	Civil Eng				
								BMEG	Biomedical Eng	ELEG	Electrical Eng				
								CHEG	Chemical Eng	INEG	Industrial Eng				
								CompS	Computer Science	MEEG	Mechanical Eng				
								CompE	Computer Eng	DATA	Data Science				