

ASU Mid South - Advising Guide

U of A STEM Prep Program - stemprep.uark.edu

STEM Prep													
English (6 hours)			BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
ENGL	1113 English Composition I		3	3	3	3	3	3	3	3	3	3	
ENGL	1123 English Composition II		3	3	3	3	3	3	3	3	3	3	
Intro (3 hours)			BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
GNEG	1103 Introduction to Engineering	X	3	3	3	3	3	3	3	3	3		
DASC	2303 Oral Communications	X				3	3						3
Mathematics (12 hours)			BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
MATH	2115 Calculus I	X	4	4	4	4	4	4	4	4	4	4	
MATH	2564 Calculus II	X	4	4	4	4	4	4	4	4	4	4	
MATH	2574 Calculus III	X	4	4	4		4		4	4	4		
Science (8-16 hours)			BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
CHEM	1314 Chemistry I		4	4	4	4	4	4	4	4	4	4	
CHEM	1324 Chemistry II		4	4	4	CHEM 1324 or	CHEM 1324 or	4	CHEM 1324 or	CHEM 1324 or	CHEM 1324 or	CHEM 1324 or	
BIOL	1114 General Biology		4	4		BIOL 1114	BIOL 1114		BIOL 1114	BIOL 1114	BIOL 1114	BIOL 1114	
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	
POLS	1143 American Government												
HIST	2123 U.S. History before 1877												
HIST	2133 U.S. History after 1877												
Economics (3-6 hours):													
ECON	2213 Macroeconomics		3	3	3	3	3	3	3	3	3		
ECON	2223 Microeconomics									3			
Social Science (3-6 hours)			6			6	6	6	6	3	6	6	
ANTH	2013 Cultural Anthropology												
GEOG	1133 World Geography												
HIST	2123 U.S. History before 1877												
HIST	2133 U.S. History after 1877												
SOCI	1303 Introduction to Sociology												
POLS	1143 American Government												
HIST	1153 World Civilization I												
HIST	1163 World Civilization II												
PSYC	1403 Introduction to Psychology												
Fine Arts (3 hours)			3			3	3	3	3	3	3	3	
ARTS	1103 Art Appreciation												
MUSC	1103 Music Appreciation												
ARTS	1123 Introduction to Theatre												
Humanities (0-3 hours)			3			3	0	0	3	3	3	3	
Any intermediate I foreign language													
PHIL	2013 Introduction to Philosophy												
ENGL	2153 World Literature I												
ENGL	2163 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				

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