

Southern Arkansas University Tech - 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 1113 Compstion I		___	___	___	3	3	3	3	3	3	3	3	3	3
ENGL 1123 Compstion 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	
DASC 10003 Intro to Data Science	X	___	___	___				3	3					3
Mathematics (12 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA
MATH 1525 Calculus I	X	___	___	___	4	4	4	4	4	4	4	4	4	4
MATH 1545 Calculus II	X	___	___	___	4	4	4	4	4	4	4	4	4	4
MATH 2563 Calculus III	X	___	___	___	4	4	4		4		4	4	4	
Science (4 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA
BSCI 1013 The Biological Sciences		___	___	___		4		4*	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
PSCI 2003 American Government National		___	___	___										
HIST 2013 United States History I		___	___	___										
HIST 2023 United States History II		___	___	___										
Economics (3-6 hours):														
ECON 2203 Principles of Macroeconomics		___	___	___	3	3	3	3	3	3	3	3	3	
ECON 2103 Principles of Microeconomics		___	___	___								3		
Social Science (3-6 hours)					6	6	6	6	6	6	6	3	6	6
HIST 2013 United States History I		___	___	___										
HIST 2023 United States History II		___	___	___										
SOC 2003 Introduction to Sociology		___	___	___										
SOC 3013 Social Problems		___	___	___										
PSCI 2003 American Government National		___	___	___										
HIST 1003 World History I		___	___	___										
HIST 1013 World History II		___	___	___										
PSYC 2003 General Psychology		___	___	___										
Fine Arts (3 hours)					3	3	3	3	3	3	3	3	3	3
ART 2013 Art Appreciation		___	___	___										
MUS 2013 Music Appreciation		___	___	___										
Humanities (0-3 hours)					3	3	3	0	0	3	3	3	3	0
Any intermediate I foreign language		___	___	___										
PHIL 2403 Introduction to Philosophy		___	___	___										
ENGL 2213 World Literature I		___	___	___										
ENGL 2223 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 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.										***Always check for the most recent version: http://enr.uark.edu/stemprep				
*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				