

University of Arkansas Community College at Morrilton

Advising Guide

					STEM Prep	Done	Curr	To do											
English (6 hours)									BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
ENG	1013/1013Z	Composition I							3	3	3	3	3	3	3	3	3	3	
ENG	1023/1023Z	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		
DASC	10003	Intro to Data Science	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	2564	Calculus II (UofA course)	X						4	4	4	4	4	4	4	4	4	4	
MATH	2574	Calculus III (UofA course)	X						4		4		4		4	4	4		
Science (16 hours)									BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA	
CHEM	2123	General College Chemistry I							3*	4	3	3	3	3	3	3	3	4	
CHEM	2133	General College Chemistry II								4	4	4*	4*	4*		3*	4*	4*	
BIOL	1004	Fundamentals of Biology							4	4		4*	4*		4*	3*	4*	4*	
GEOS	1104	Physical Geology							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																	
HIST	2003/2003Z	U.S History I																	
HIST	2013	U.S History II																	
Economics (3-6 hours):									3	3	3	3	3	3	3		3		
ECON	2453/2453Z	Macroeconomics														3			
ECON	2463/2463Z	Microeconomics																	
Social Science (3-6 hours)									6	6	6	6	6	6	6	3	6	6	
ANTH	2333	Introduction to Anthropology																	
GEOG	2013	Regional Geography of the World																	
HIST	2003/2003Z	U.S History I																	
HIST	2013	United States History II																	
SOC	2013	Introduction to Sociology																	
SOC	2023	Social Problems																	
PSCI	2003	American Government																	
HIST	1003	Western Civilization I																	
HIST	1013	Western Civilization II																	
PSY	2003	General Psychology																	
Fine Arts (3 hours)									3	3	3	3	3	3	3	3	3	3	
ART	2003	Art Appreciation																	
HUM	1203	Art Appreciation																	
HUM	1103	Music Appreciation																	
MUS	2003	Music Appreciation																	
THEA	2003	Theatre Appreciation																	
THEA	2023	Film Appreciation																	
Humanities (0-3 hours)									3	3	3	0	0	3	3	3	3	0	
Any intermediate I foreign language																			
PHIL	2103	Introduction to Philosophy																	
ENG	2213	World Literature I																	
ENG	2223	World Literature II																	
PHIL	2113	Introduction to Critical Thinking																	
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				