

National Park College

Advising Guide

				STEM Prep Done Curr To do									
English (6 hours)				BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	
ENG	1113	English Composition I		3	3	3	3	3	3	3	3	3	
ENG	1123	English Composition II		3	3	3	3	3	3	3	3	3	
Communications (3-6 hours)				BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	
EGR	1122	Introduction to Engineering	X	3	3	3	3	3	3	3	3	3	
SPCH	1103	Fundamentals of Public Speaking					3	3					
Mathematics (15 hours)				BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	
MATH	2214	Calculus I	X	4	4	4	4	4	4	4	4	4	
MATH	2224	Calculus II	X	4	4	4	4	4	4	4	4	4	
MATH	2254	Calculus III	X	4		4		4	4	4	4	4	
MATH	2284	Differential Equations		4	4	4		4	4	4	4	4	
Science (16 hours)				BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	
CHEM	1204	General Chemistry I		4	4	4	4	4	4	4	4	4	
CHEM	2204	General Chemistry II		4	4	4	CHEM 2204, BIOL 1114, or GEOL 1104	CHEM 2204, BIOL 1114, or GEOL 1104	CHEM 2204, PHYS 2124, or BIOL 2244		CHEM 2204, BIOL 1114, or GEOL 1104	CHEM 2204, BIOL 1114, or GEOL 1104	
BIOL	1114	General Biology		4	4				4				
GEOL	1104	Physical Geology							4				
PHYS	2114	University Physics I		4	4	4	4	4	4	4	4	4	
PHYS	2124	University Physics II		4	4	4	4	4	CHEM 2204, PHYS 2124, or BIOL 2244	4	4	4	
BIOL	2244	Microbiology			4								
Humanities and Social Science (15-18 hours)				BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	
US History/Government (3 hours)				3	3	3	3	3	3	3	3	3	
POLS	1113	American National Government											
HIST	2223	US History to 1865											
HIST	2233	US History since 1865											
Economics (3-6 hours):				3	3	3	3	3	3	3	3	3	
ECON	2203	Macroeconomics									3		
ECON	2213	Microeconomics											
Social Science (3-6 hours)				6	6	6	6	6	6	6	3	6	
GEOG	1103	Introduction to Geography											
HIST	2223	US History to 1865											
HIST	2233	US History since 1865											
POLS	1123	American State & Local Government											
SOC	1103	Introduction to Sociology											
SOC	2203	Social Problems											
POLS	1113	American National Government											
HIST	2253	World Civilization to 1500											
HIST	2263	World Civilization since 1500											
PSYC	1103	General Psychology											
Fine Arts (3 hours)				3	3	3	3	3	3	3	3	3	
ART	1593	Art Appreciation											
MUS	1213	Music Appreciation											
Humanities (0-3 hours)				3	3	3	0	0	3	3	3	0	
PHIL	1123	Introduction to Philosophy											
ENG	2273	World Literature I											
ENG	2283	World Literature II											
Technical Electives				BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	
EGR	2113	Engineering Materials									3	3	
EGR	2123	Statics		3							3	3	
EGR	2213	Dynamics										3	
CSCS	2004	Programming Foundations I (U of A course)	X				4	4			4		

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. Students interested in MEEG should follow the NPC-UA MEEG transfer degree plan.

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

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		