

National Park College

Advising Guide

STEM Prep Done Curr To do					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
English (6 hours)													
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				3	3	3	3	3	3	3	3	3
SPCH	1103 Fundamental of Public Speaking							3	3				
Mathematics (15 hours)					BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
MATH	2214 Calculus I				4	4	4	4	4	4	4	4	4
MATH	2224 Calculus II				4	4	4	4	4	4	4	4	4
MATH	2254 Calculus III				4	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 or PHYS 2124	CHEM 2204 or BIOL 1114	CHEM 2204, BIOL 1114, or GEOL 1104	CHEM 2204, BIOL 1114, or GEOL 1104
BIOL	1114 General Biology				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 or PHYS 2124	4	4	4
BIOL	2244 Microbiology				4	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												
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 1660												
HIST	2263 World Civilization since 1660												
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
EGR	2123 Statics				3							3	3
EGR	2213 Dynamics												3
CSCE	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		