

Phillips Community College - Advising Guide

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

		STEM Prep	Done	Curr	To do	BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
English (6 hours)														
EH	113 Composition I		___	___	___	3	3	3	3	3	3	3	3	3
EH	123 Composition II		___	___	___	3	3	3	3	3	3	3	3	3
Mathematics (12 hours)														
MS	215 Calculus I	X	___	___	___	4	4	4	4	4	4	4	4	4
MS	225 Calculus II	X	___	___	___	4	4	4	4	4	4	4	4	4
MS	233 Calculus III	X	___	___	___	4	4	4	4	4	4	4	4	4
Science (16 hours)														
CY	114 General Chemistry I		___	___	___	4	4	4	4	4	4	4	4	4
CY	124 General Chemistry II		___	___	___		4							
CY	204 Chemistry II for Health Sciences		___	___	___	4	3*							4*
PS	144 Intro to Astronomy		___	___	___				4*	4*			3*	4*
PS	235 Technical Physics I		___	___	___	4	4	4	4	4	4	4	4	4
PS	245 Technical Physics II		___	___	___		4	4	4	4	4*	4	4	4
BY	114 General Biology I		___	___	___	4	4		4*	4*		4*	3*	4*
BY	154 Anatomy & Physiology		___	___	___	4*	4	4*	4*	4*		4*	3*	4*
BY	223 Environmental Science		___	___	___				3	3				
BY	224 Microbiology		___	___	___	4	4*				4*			
Humanities and Social Science (15-18 hours)														
US History/Government (3 hours)						3	3	3	3	3	3	3	3	3
PLS	213 American Federal Government		___	___	___									
HY	213 US History to 1877		___	___	___									
HY	223 US History since 1877		___	___	___									
Economics (3-6 hours):						3	3	3	3	3	3	3	3	3
ES	213 Principles of Macroeconomics		___	___	___								3	
ES	223 Principles of Microeconomics		___	___	___									
Social Science (3-6 hours)						6	6	6	6	6	6	6	3	6
HY	213 US History to 1877		___	___	___									
HY	223 US History since 1877		___	___	___									
PLS	223 State and Local Government		___	___	___									
SY	213 Fundamental Sociology		___	___	___									
BH	123 Theories & Treatment of Social Problems		___	___	___									
PLS	213 American Federal Government		___	___	___									
HY	113 History of Western Civilization I		___	___	___									
HY	123 History of Western Civilization II		___	___	___									
PSY	213 General Psychology		___	___	___									
Fine Arts (3 hours)						3	3	3	3	3	3	3	3	3
FA	213 Fine Arts		___	___	___									
MSC	223 Music Appreciation		___	___	___									
SP	123 Introduction to Theatre		___	___	___									
Humanities (0-3 hours)						3	3	3	0	0	3	3	3	0
Any intermediate I foreign language			___	___	___									
PHIL	153 Introduction to Philosophy		___	___	___									
EH	233 World Literature I		___	___	___									
EH	243 World Literature II		___	___	___									
Other Courses														
GNEG	1103 Introduction to Engineering (U of A course)	X	___	___	___	3	3	3	3	3	3	3	3	3
CSCE	2004 Programming Foundations I (U of A course)	X	___	___	___				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 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		