

# Southeast Arkansas College

## Advising Guide

	STEM Prep	Done	Curr	To do	BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG
<b>English (6 hours)</b>													
ENGL 1313 English Composition I		___	___	___	3	3	3	3	3	3	3	3	3
ENGL 1323 English Composition II		___	___	___	3	3	3	3	3	3	3	3	3
<b>Communications (3 hours)</b>													
GNEG 1103 Introduction to Engineering (U of A course)	X	___	___	___	3	3	3	3	3	3	3	3	3
SPEE 2393 Oral Communication for Public Address		___	___	___				3	3				
<b>Mathematics (12 hours)</b>													
MATH 2335 Calculus I	X	___	___	___	4	4	4	4	4	4	4	4	4
MATH 2345 Calculus II	X	___	___	___	4	4	4	4	4	4	4	4	4
MATH 2574 Calculus III (U of A course)	X	___	___	___	4	4	4		4	4	4	4	4
<b>Science (16 hours)</b>													
CHEM 1434 General Chemistry I		___	___	___	4	4	4	4	4	4	4	4	4
CHEM 1444 General Chemistry II		___	___	___	4	4	4	CHEM 1444 or BIOL 1464	CHEM 1444 or BIOL 1464	4	CHEM 1444 or BIOL 1464	CHEM 1444 or BIOL 1464	CHEM 1444 or BIOL 1464
BIOL 1464 Principles of Biology		___	___	___	4	4		4	4		4	4	4
BIOL 2474 Microbiology		___	___	___	4	4	4	4	4	4	4	4	4
<b>Humanities and Social Science (15-18 hours)</b>													
<b>US History/Government (3 hours)</b>													
HIST 2313 U.S History to 1877		___	___	___	3	3	3	3	3	3	3	3	3
HIST 2323 U.S History Since 1877		___	___	___									
POLI 2313 American Government		___	___	___									
<b>Economics (3-6 hours):</b>													
ECON 2313 Principles of Economics I		___	___	___	3	3	3	3	3	3	3	3	3
ECON 2323 Principles of Economics II		___	___	___								3	
<b>Social Science (3-6 hours)</b>													
ANTH 2333 Introduction to Anthropology		___	___	___	6	6	6	6	6	6	6	3	6
HIST 2313 U.S History to 1877		___	___	___									
HIST 2323 U.S History Since 1877		___	___	___									
POLI 2323 State and Local Government		___	___	___									
SOCI 2313 Introduction to Sociology		___	___	___									
POLI 2313 American Government		___	___	___									
HIST 1333 World Civilization I		___	___	___									
HIST 1343 World Civilization II		___	___	___									
PSYC 2303 General Psychology		___	___	___									
<b>Fine Arts (3 hours)</b>													
ART 2343 Art History and Appreciation		___	___	___	3	3	3	3	3	3	3	3	3
MUSI 2333 Music History and Appreciation		___	___	___									
<b>Humanities (0-3 hours)</b>													
Any intermediate I foreign language		___	___	___	3	3	3	0	0	3	3	3	3
PHIL 2333 Introduction to Philosophy		___	___	___									
ENGL 2363 World Literature I		___	___	___									
ENGL 2373 World Literature II		___	___	___									
PHIL 2323 Ethics		___	___	___									
<b>Technical Electives</b>													
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 need by each degree program.

\*Classes listed in multiple sections will only count in one section.

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

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		