

General Education Requirements

	Biological Engineering	Biomedical Engineering	Chemical Engineering	Civil Engineering	Computer Engineering	Computer Science	Electrical Engineering	Industrial Engineering	Mechanical Engineering
Basic Science Elective Option (BSEO): Pick 1									
Elective Option (SEO): Pick 1									
ASTR 2003 Survey of the Universe w/ Lab					BSEO	BSEO		BSEO	BSEO
BIOL 1543 Principles of Biology w/ Lab	X	X			BSEO	BSEO	BSEO	BSEO	BSEO
BIOL 2013 General Microbiology w/ Lab	X			BSEO					
BIOL 2213 Human Physiology w/ Lab		X			BSEO	BSEO	BSEO	BSEO	BSEO
BIOL 2533 Cell Biology		X							
BIOL 3863 General Ecology	X								
CHEM 1103 University Chemistry I w/ Lab	X	X	X	X	X	X	X	X	X
CHEM 1123 University Chemistry II w/ Lab	X	X	X	BSEO	BSEO	SEO	BSEO	BSEO	BSEO
CHEM 3603 Organic Chemistry I w/ Lab	X	X	X						
CHEM 3613 Organic Chemistry II w/ Lab	X	X	X						
COMM 1313 Public Speaking					X	X			
CSCE 2004 Programming Foundations I					X	X	X	X	
CSCE 2014 Programming Foundations II					X	X			
ECON 2023 Principles of Microeconomics							Required Pick 1	X	
ECON 2013 Principles of Macroeconomics			Required Pick 1				Required Pick 1	X	Required Pick 1
ECON 2143 Basic Economics									
ENGL 1013 English Composition I	X	X	X	X	X	X	X	X	X
ENGL 1023 English Composition II	X	X	X	X	X	X	X	X	X
GEOG 1113/1111L General Geology w/ Lab				X	BSEO	BSEO		BSEO	BSEO
GNEG 1111 Intro to Engineering I	X	X	X	X	X	X	X	X	X
GNEG 1121 Intro to Engineering II	X	X	X	X	X	X	X	X	X
MATH 2103 Discrete Mathematics					X	X			
MATH 2554 Calculus I	X	X	X	X	X	X	X	X	X
MATH 2564 Calculus II	X	X	X	X	X	X	X	X	X
MATH 2574 Calculus III	X	X	X		X		X	X	X
MATH 2584 Differential Equations	X	X	X	X	X		X	X	X
MATH 3083 Linear Algebra				X		X			
MEEG 2003 Statics	X							X	X
PHIL 3103 Ethic and the Professions					X	X			X
PHYS 2054 University Physics I w/ Lab	X	X	X	X	X	X	X	X	X
PHYS 2074 University Physics II w/ Lab	X	X	X	BSEO	X	SEO	X	X	X
Engineering Core Requirements: http://catalog.uark.edu/undergraduatecatalog/academicregulations/universitycore/									
U.S. History (3 hours)									
HIST 2003 US History to 1877									
HIST 2013 US History, 1877 to Present									
PLSC 2003 American National Gov't									
Fine Arts (3 hours)	3	3	3	3	3	3	3	3	3
Humanities (0-3 hours)	3	3	3	3	0	0	3	3	0
Social Sciences (3-9 hours)	9	9	6	9	9	9	6	3	6

Choose one