

Cossatot Community College

Advising Guide

Core Requirements											
	STEM Prep	BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA
ENGL 1113 English Composition I		3	3	3	3	3	3	3	3	3	3
ENGL 1123 English Composition II		3	3	3	3	3	3	3	3	3	3
GNEG 1103 Introduction to Engineering (U of A course)	X	3	3	3	3	3	3	3	3	3	
DASC 10003 Intro to Data Science	X				3	3					3
MATH 2054 Calculus I	X	4	4	4	4	4	4	4	4	4	4
MATH 2564 Calculus II (U of A course)	X	4	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	
CHEM 1024 University Chemistry I		4	4	4	4	4	4	4	4	4	4
BIOL 1014 General Biology		4	4		4	4		4	4	4	4
		BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA
Choose 1		3	3	3	3	3	3	3	3	3	3
PSCI 2003 American Government											
HIST 2013 US History to 1876											
HIST 2023 US History since 1876											
Choose 1 (INEG requires ECON 2103)											
ECON 2003 Macroeconomics		3	3	3	3	3	3	3	3	3	
ECON 2103 Microeconomics									3		
Choose 1-2		6	6	6	6	6	6	6	3	6	6
HIST 1003 Western Civilization to 1700											
HIST 1013 Western Civilization since 1700											
PSCI 2003 American Government											
HIST 2013 US History to 1876											
HIST 2023 US History since 1876											
PSYC 2003 General Psychology											
SOC 2003 Introduction to Sociology											
Choose 1		3	3	3	3	3	3	3	3	3	3
FA 2003 Introduction to Fine Arts: Art											
FA 2013 Introduction to Fine Arts: Music											
Choose 0-1		3	3	3	0	0	3	3	3	0	0
Any intermediate I foreign language											
ENGL 2213 World Literature to 1650											
ENGL 2223 World Literature since 1650											
Technical Electives		BENG	BMEG	CHEG	CompS	CompE	CVEG	ELEG	INEG	MEEG	DATA
CSCE 2004 Programming Foundations I (U of A course)	X				4	4		4			
DASC 12203 Role of Data Science in Today's World	X										3
DASC 10201 R Programming for Data Science	X										3
DASC 16003 Python Programming for Data Science	X										3
DASC 21303 Data Privacy & Ethics	X										3
Notes:						***Always check for the most recent version: http://stemprep.uark.edu					
*All courses have been evaluated by the University of Arkansas College of					BENG	Biological Eng	CVEG	Civil Eng			
*Courses taken outside of these courses are not guaranteed to transfer.					BMEG	Biomedical Eng	ELEG	Electrical Eng			
*The number of hours correspond to the number of hours need by each degree					CHEG	Chemical Eng	INEG	Industrial Eng			
*Classes listed in multiple sections will only count in one section.					CompS	Computer Sci	MEEG	Mechanical Eng			
					CENG	Computer Eng	DATA	Data Science			