Arkansas State University - Jonesboro
Degree: Bachelor of Science
Major: Engineering Management Systems
2025-26

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions.   In most cases, general education courses may be interchanged between semesters.**   A minimum of 40 hours of upper division credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. **Failure to participate in required assessments may delay graduation.**

Year 1					Year 1			
Fall Semester					**Spring Semester**			
Course No.	**Course Name**	**Hrs**	**Gen Ed**		**Course No.**	**Course Name**	**Hrs**	**Gen Ed**
*ENG 1003	Composition I	3	X		*ENG 1013	Composition II	3	X
*SCOM 1203	Oral Communications	3	X		*ECON 2313	Principles of Macroeconomics	3	
*MATH 1023	College of Algebra	3	X		*HIST 2763/2773 or POSC 2103	US History to **or** since 1876 **or** Intro to US Government	3	X
*ENG 2003 or *ENG 2013 or PHIL 1103	Intro to Lit I **or** Intro to Lit II **or** Intro to Philosophy	3	X		*Social Science	Gen. Ed. Approved Social Science	3	X
*UC 1013	Making Connections	3			*ART, MUS or, THEA 2503	Fine Arts Visual, Musical, Theatre	3	X
Total Hours		15			**Total Hours**		15	
Year 2					**Year 2**			
Fall Semester					**Spring Semester**			
Course No.	**Course Name**	**Hrs**	**Gen Ed**		**Course No.**	**Course Name**	**Hrs**	**Gen Ed**
*Physical Science	Gen. Ed. Approved Physical Science	4	X		*Life Science	Gen. Ed. Approved Life Science	3	X
*Social Science	Gen. Ed. Approved Social Science	3	X		*Life Science Lab	Gen. Ed. Approved Life Science Lab	1	X
*ECON 2323	Principles of Microeconomics	3			*MGMT 3123	Principles of Management	3	
*MATH 2143	Business Calculus	3			*ACCT 2133	Intro to Managerial Accounting	3	
*ACCT 2033	Intro to Financial Accounting	3			*LAW 2023	Legal Environment of Business	3	
					*Electives		3	
Total Hours		16			**Total Hours**		16	

Year 3					Year 3			
Fall Semester					Spring Semester			
Course No.	Course Name	Hrs	Gen Ed		Course No.	Course Name	Hrs	Gen Ed
*TECH 3773	Statistics	3			*TECH 4823	Quality Assurance	3	
*COMS 3363	Communication Research Methods	3			*EGRM 3013	Project Management and Practice	3	
*TECH 3863	Industrial Safety	3			*EGRM 4023	Engineering Management I	3	
*TECH 4813	Operations Systems Research	3			*Electives		6	
*EGRM 3003	Technical Entrepreneurship	3						
Total Hours		15			Total Hours		15	
Year 4					Year 4			
Fall Semester					Spring Semester			
Course No.	Course Name	Hrs	Gen Ed		Course No.	Course Name	Hrs	Gen Ed
*EGRM 4003	Engineering Management Design I	3			*EGRM 4013	Engineering Management Design II	3	
*CS 1114	Concepts of Programming	3			*EGRM 4073	Facilities Management Systems	3	
*EGRM 4033	Value Engineering Systems	3			*DATA 2004	Programming for Data Analysis	3	
*EGRM 4063	Engineering Management Internship	3			*Electives		4	
*Electives		3						
Total Hours		15			Total Hours		13	

Total Jr/Sr Hours after 1st 30   **45**   **Total Degree Hours**   **120**

Graduation Requirements:

Completion of HIST 2763 or HIST 2773 or POSC 2103

English Proficiency (Grade of C or better in ENG 1003 and ENG 1013)

Grade C or better in all Engineering Management Core courses

2.00 GPA at ASU

2.00 GPA Overall

Maximum of 25% of the degree program via examination, PLA, Military or similar means; CLEP (30 hrs max)

40 JR/SR Hours **after completing 30 hours**

120 Total Credit Hours

18 of last 24 hours must be A-State-Jonesboro courses

Complete half of the last 50% of semester hours through the A-State campus

* Course offered online