## 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.

Fall Semester Durse Name Durse Name Durposition I Durposit	Hrs 3 3 3 3 3 3	Gen Ed X X X	Course No. *ENG 1013 *ECON 2313 *HIST 2763/2773 or POSC 2103 *Social Science	Spring Semester  Course Name  Composition II  Principles of Macroeconomics  US History to or since 1876 or Intro to US Government  Gen. Ed. Approved	Hrs 3 3 3 3 3	Gen Ed X		
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or Intro to Philosophy		Х			2			
aking Connections	2			Social Science		Х		
	3		*ART, MUS or, THEA 2503	Fine Arts Visual, Musical, Theatre	3	Х		
	15		Total Hours		15			
Year 2	l .		Hours	Year 2	1			
				Spring Semester				
ourse Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed		
en. Ed. Approved vysical Science	4	X	*Life Science	Gen. Ed. Approved Life Science	3	Х		
en. Ed. Approved cial Science	3	Х	*Life Science Lab	Gen. Ed. Approved Life Science Lab	1	Х		
nciples of croeconomics	3		*MGMT 3123	Principles of Management	3			
siness Calculus	3		*ACCT 2133	Intro to Managerial	3			
ro to Financial counting	3		*LAW 2023	Legal Environment of Business	3			
<u> </u>			*Electives		3			
	16		Total Hours		16			
r	Fall Semester urse Name  n. Ed. Approved ysical Science n. Ed. Approved cial Science nciples of croeconomics siness Calculus to to Financial	Fall Semester urse Name Hrs  n. Ed. Approved 4 ysical Science n. Ed. Approved 3 cial Science nciples of 5 croeconomics siness Calculus 3 or to Financial 5 counting	Fall Semester  urse Name	Year 2  Fall Semester  urse Name	Year 2  Fall Semester  urse Name  In. Ed. Approved ysical Science In. Ed. Approved Life Science In. Ed. Approved Life Science Science Science Lab Inciples of Science Lab Inciples of Science Lab Inciples of Science Lab Intro to Managerial Accounting Intro to Financial Science Lab Intro to Managerial Accounting Intro to Financial Science Science Lab Intro to Managerial Accounting Intro to Financial Science Science Science Science Lab Intro to Managerial Accounting Intro to Financial Science Science Science Science Lab Intro to Managerial Accounting Intro to Financial Science Science Science Science Science Lab Intro to Managerial Accounting Intro to Managerial Acc	Year 2       Fall Semester       urse Name     Hrs     Gen Ed     Course No.     Course Name     Hrs       n. Ed. Approved ysical Science     4     X     *Life Science Science     Science     3       n. Ed. Approved Science     3     X     *Life Science Science Lab     Gen. Ed. Approved Life Science Lab     1       scial Science     3     *MGMT Science Lab     1       science Lab     3     *ACCT Intro to Management Science Science Lab       science Science Lab     3     *ACCT Intro to Managerial Accounting Science Science Lab       science Science Lab     3     *ACCT Intro to Managerial Accounting Science Science Lab       science Science Science Lab     3     *ELAW Legal Environment of Business       science Science Lab     3     *Electives       science Lab     3     *Electives       science Lab     3		

Year 3 Fall Semester				Year 3 Spring Semester					
									Course No.
*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 45 Total Degree Hours 120 1st 30

## **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