

**Arkansas State University - Jonesboro**  
**Degree: Bachelor of Science**  
**Major: Engineering Management Systems**  
**2022-23**

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 45 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
<b>Total Hours</b>		<b>15</b>		<b>Total Hours</b>		<b>15</b>	
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	
<b>Total Hours</b>		<b>16</b>		<b>Total Hours</b>		<b>16</b>	
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	
*POSC 3003	Introduction to Political Analysis	3		*EGRM 3013	Project Management and Practice	3	

<b>*TECH 3863</b>	Industrial Safety	3			<b>*EGRM 4023</b>	<i>Engineering Management I</i>	3	
<b>*TECH 4813</b>	Operations Systems Research	3			<b>*Electives</b>		6	
<b>*EGRM 3003</b>	<i>Technical Entrepreneurship</i>	3						
<b>Total Hours</b>		15			<b>Total Hours</b>		15	
<b>Year 4</b>				<b>Year 4</b>				
<b>Fall Semester</b>				<b>Spring Semester</b>				
<b>Course No.</b>	<b>Course Name</b>	<b>Hrs</b>	<b>Gen Ed</b>	<b>Course No.</b>	<b>Course Name</b>	<b>Hrs</b>	<b>Gen Ed</b>	
<b>*EGRM 4003</b>	<i>Engineering Management Design I</i>	3		<b>*EGRM 4013</b>	<i>Engineering Management Design II</i>	3		
<b>*EGRM 4053</b>	<i>Human Resources for Engineers</i>	3		<b>*EGRM 4073</b>	<i>Facilities Management Systems</i>	3		
<b>*EGRM 4033</b>	<i>Value Engineering Systems</i>	3		<b>*EGRM 4043</b>	<i>Logistics and Supply Chain Systems</i>	3		
<b>*EGRM 4063</b>	<i>Engineering Management Internship</i>	3		<b>*Electives</b>		4		
<b>*Electives</b>		3						
<b>Total Hours</b>		15		<b>Total Hours</b>		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

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

45 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 at A-State

\* Course offered online