

BS-Mechanical Engineering

IDN: _____ Printed Name: _____

Major Code: 9074

Student will declare the BSME only after acceptance into the engineering program at the University of Arkansas, Fayetteville.

This degree is not available in a guaranteed 8-semester plan for qualified freshmen. See your advisor to declare your major and sign an official degree plan.

The prerequisites and corequisites of the degree requirements are subject to change.

FRESHMAN YEAR- FALL SEMESTER: 14 hours				FRESHMAN YEAR- SPRING SEMESTER: 16 hours			
Hrs	Courses	Notes	Grade	Hrs	Courses	Notes	Grade
1	ENGN 1111 Intro to Engineering I			1	ENGN 1121 Introduction to Engineering II		
3	ENGL 1203 Composition I			3	ENGL 1213 Composition II		
4	MATH 2804 Calculus I			4	MATH 2854 Calculus II		
4	CHEM 1403/1401 College Chemistry I/Lab			4	PHYS 2903/2911 University Physics I/Lab		
2	CGT 1302 Graphics for Engineers			4	CHEM 1413/1411 College Chemistry II/Lab or BIOL 1153\1151 Biological Science/Lab		
SOPHOMORE YEAR- FALL SEMESTER: 17 hours				SOPHOMORE YEAR- SPRING SEMESTER: 16 hours			
Hrs	Courses	Notes	Grade	Hrs	Courses	Notes	Grade
4	MATH 2904 Calculus III			4	MATH 3214 Differential Equations		
3	ENGN 2753 Engineering Statics			3	ENGN 2763 Engineering Dynamics		
4	PHYS 2923/2931 University Physics II/Lab			3	ENGN 2803 Engineering Thermodynamics		
3	MEEG 2303 Intro to Materials			3	MEEG 2703 Numerical Methods I		
3	History/Government requirement	1		3	MEEG 2103 Intro to Machine Analysis		
Admission to UA Fayetteville (both the institution and the College of Engineering) is required prior to enrolling in the junior and senior-level classes.							
JUNIOR YEAR- FALL SEMESTER: 17 hours				JUNIOR YEAR- SPRING SEMESTER: 18 hours			
Hrs	Courses	Notes	Grade	Hrs	Courses	Notes	Grade
3	MEEG 3013 Mechanics of Materials			3	MEEG 4413 Heat Transfer		
3	MEEG 3503 Mechanics of Fluids			3	ELEG 3933 Engineering Electronics		
2	MEEG 3202 Mechanical Engineering Lab I			4	MEEG 4104 Machine Element Design		
3	ELEG 3903 Electric Circuits and Machines			2	MEEG 3212 Mechanical Engineering Lab II		
3	MEEG 3113 Machine Dynamics and Control			3	Technology or Science elective	3	
3	ECON 2803 Principles of Macroeconomics			3	Fine Arts/Humanities/Social Sciences req	2	
SENIOR YEAR- FALL SEMESTER: 14 hours				SENIOR YEAR- SPRING SEMESTER: 15 hours			
Hrs	Courses	Notes	Grade	Hrs	Courses	Notes	Grade
2	MEEG 4132 Professional Engineering Practice			3	MEEG 4133 Creative Project Design II		
2	MEEG 4202 Mechanical Engineering Lab III			6	Technology or Science elective	3	
1	MEEG 4131 Creative Project I			3	Fine Arts/Humanities/Social Sciences req	2	
3	MEEG 4483 Thermal Systems Analysis & Des			3	Fine Arts/Humanities/Social Sciences req	2	
3	Mechanical engineering elective	3					
3	Fine Arts/Humanities/Social Sciences req	2					
Total Hours: 127 At least 45 hours must be upper level							
NOTES							
1: General Education Core Requirements, see Graduation Requirements section of this catalog. A speech course is not required.							
2: Fine Arts, Humanities, Social Sciences, 12 hours. Students must consult with UA Fayetteville faculty advisor.							
3: Upper-level electives. Students must consult with UA Fayetteville faculty advisor.							

Transfer Course Information

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment of the application of credits for the admissions and degree requirements. Courses transferability is not guaranteed for courses listed in ACTS as "No Comparable Courses." ACTS-Arkansas Course Transfer System <http://acts.adhe.edu> -select Course Transfer. See Acceptance of Transfer Credits section of the current academic catalog for a complete list of transfer provisions.

Student Degree Program Requirements

A student's degree program requirements are those specified in the catalog in effect at the time of declaration of program major. Students must meet the above program requirements and the graduation requirements as indicated by institutional and college policy. The program can be changed only with the approval of the official advisor. If original courses are eliminated, students may be required to meet new curriculum requirements in the degree program. If students are not enrolled for two or more consecutive terms (excluding summer terms), they must re-enter under the program requirements of the current catalog. Students are responsible for understanding program requirements and changes. This document is not official until signed and dated by both the student and an authorized university representative.

Student Signature _____ Date _____

Advisor Signature _____ Date _____