

# BS-Electrical Engineering

IDN: \_\_\_\_\_

Printed Name: \_\_\_\_\_

**Major Code: 9072**

Student will declare the BSEE 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: 16 hours				FRESHMAN YEAR- SPRING SEMESTER: 15 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		
4	ITC 1374 Programming for Engineers			3	Fine Arts/Humanities/Social Sciences req	2	
SOPHOMORE YEAR- FALL SEMESTER: 18 hours				SOPHOMORE YEAR- SPRING SEMESTER: 15 hours			
Hrs	Courses	Notes	Grade	Hrs	Courses	Notes	Grade
4	MATH 2904 Calculus III			4	MATH 3214 Differential Equations		
4	ELEG 2103/2101 Electric Circuits I/Lab			4	ELEG 2113/2111 Electric Circuits II/Lab		
4	PHYS 2923/2931 University Physics II/Lab			3	ELEG 2913 Digital Systems II		
3	ELEG 2903 Digital Systems I			4	CHEM 1413/1411 College Chemistry II/Lab or BIOL 1153/1151 Biological Science/Lab		
3	History/Government requirement	1					
<b>Admission to UA Fayetteville (both the institution and the College of Engineering) is required prior to enrolling in the junior and senior-level classes.</b>							
JUNIOR YEAR- FALL SEMESTER: 16 hours				JUNIOR YEAR- SPRING SEMESTER: 17 hours			
Hrs	Courses	Notes	Grade	Hrs	Courses	Notes	Grade
4	ELEG 3124 Systems and Signals Analysis/Lab			4	ELEG 3224 Electronics II/Lab		
4	ELEG 3214 Electronics/Lab			4	ELEG 3304 Energy Systems/Lab		
4	ELEG 3924 Microprocessor System Design/Lab			3	ELEG 3143 Probability and Stochastic Proc		
4	ELEG 3704 Applied Electromagnetics/Lab			3	Math/Science/Technical elective	3	
				3	Fine Arts/Humanities/Social Sciences req	2	
SENIOR YEAR- FALL SEMESTER: 16 hours				SENIOR YEAR- SPRING SEMESTER: 15 hours			
Hrs	Courses	Notes	Grade	Hrs	Courses	Notes	Grade
1	ELEG 4061 Electrical Engineering Design I			3	ELEG 4073 Electrical Engineering Design II		
3	Electrical Engineering Technical elective	3		3	Electrical Engin Tech upper-level elective	3	
3	Electrical Engineering Technical elective	3		3	Technical upper-level elective	3	
3	Engineering Science elective	3		3	Technical upper-level elective	3	
3	Fine Arts/Humanities/Social Sciences req	2		3	Fine Arts/Humanities/Social Sciences req	2	
3	ECON 2803 Principles of Macroeconomics						
<b>Total Hours: 128 At least 45 hours must be upper level</b>							
<b>NOTES</b>							
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. 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 \_\_\_\_\_