



**ARKANSAS STATE**  
UNIVERSITY

**Eight-Semester Degree Plan**  
**Bachelor of Science in Electrical Engineering**  
**Major in Electrical Engineering**  
**2017-2018**

Year 1							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
CHEM 1011	General Chemistry I Lab	1	Y	ENG 1013	Composition II	3	Y
CHEM 1013	General Chemistry I	3	Y	ENGR 1412	Software App. for Engineers	2	
ENG 1003	Composition I	3	Y	ENGR 2421	Electric Circuits I Lab	1	
ENGR 1402	Concepts of Engineering	2		ENGR 2423	Electric Circuits I	3	
MATH 2204	Calculus I	4	Y	MATH 2214	Calculus II	4	Y
SCOM 1203	Oral Communications	3	Y	PHYS 2034	University Physics I	4	
<b>Total Hours:</b>		16		<b>Total Hours:</b>		17	
Year 2							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
EE 2322	Electrical Workshop	2		CS 2114	Structured Programming	4	
ENGR 2401	Applied Engineering Stat.	1		EE 3313	Electric Circuits II	3	
ENGR 2403	Statics	3		EE 3331	Digital Electronics I Lab	1	
MATH 3254	Calculus III	4	Y	EE 3333	Digital Electronics I	3	
PHYS 2044	University Physics II	4		ENGR 3443	Engineering Thermo.	3	
	Humanities Elective	3	Y	MATH 4403	Differential Equations	3	
<b>Total Hours:</b>		17		<b>Total Hours:</b>		17	
Year 3							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
EE 3343	Engr Fields and Waves	3		EE 3373	Prob. and Random Signals	3	
EE 3353	Signals and Systems	3		EE 3383	Principles and Practices in EE	3	
ENGR 3433	Engineering Economics	3		EE 4373	Electronics II	3	
EE 3401	Electronics I Lab	1		EE 4773	Electronics II Lab	3	
EE 3403	Electronics I	3		EE 3363	Semiconductor Mat. & Dev.	3	
ENGR 4453	Num. Methods for Engr	3					
<b>Total Hours:</b>		16		<b>Total Hours:</b>		15	
Year 4							
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
EE 4313	Control Systems	3			EE Elective	3-4	
EE 4353	Power Systems	3			EE Elective	3-4	
EE 4333	Communications Theory	3		ENGR 4482	Senior Design II	2	
ENGR 4463	Senior Design I	3			Technical Elective	3	
ENGR 4401	Senior Seminar	1			Fine Arts Elective	3	Y
	Social Science Elective	3	Y				
<b>Total Hours:</b>		16		<b>Total Hours:</b>		14-16	
<b>Total Upper-Level Hours:</b>		72-74		<b>Total Degree Hours:</b>		128-130	

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-level 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.**

**Additional Graduation Requirements:**