

**Bachelor of Science (BS)  
Major: Electrical Engineering  
CWID:**

NAME: \_\_\_\_\_

GENERAL EDUCATION	HOURS EARNED	Electrical Engineering Major	HOURS EARNED
<b>English</b> Engl 1301 Comp & Rhet I Engl 1302 Comp & Rhet II Soph Literature (3sh)		Math *2413 Calculus I (4sh) Math *2414 Calculus II (4sh) Math *2415 Calculus III (4sh) Math 315 Differential Equations Math 331 Discrete Math Math 335 Linear Algebra Math 457 Probability & Statistics	
<b>History</b> Hist 1301 U.S. Pre Civil War Hist 1302 U.S. Post Civil War		Biol *1406 Principles of Biol I (4sh) <b>OR</b> Chem *1411 General Chem I (4sh)	
<b>Government/Political Science</b> Govt 2306 State & Fed Constitution Govt 2305 American Government		Phys *2425 Technical Phys I (4sh) Phys *2426 Technical Phys II (4sh) EE 210 Intro. to Electrical Engineering EE 220 Intro. to Circuits	
<b>Lab Science (8sh Physics)</b> Phys *2425 Technical Phys I (4sh) Phys *2426 Technical Phys II (4sh)	(See Major) (See Major)	**EE *320 Circuit Laboratory (1sh) **EE 321 Digital Logic **EE *322 Digital Logic Lab (1sh) **EE 325 Signals & Systems I **EE *326 Signals & Systems I Lab (1sh)	
<b>Lab Science 4sh from Biol or Chem:</b> Biol *1406 Princ of Biology I <b>OR</b> Chem *1411 Gen Chemistry I	(See Major)	EE *332 C++ Programming (4sh) **EE 335 Electronics **EE *336 Electronics Lab (1sh) **EE 340 Computer Architecture **EE 345 Intro. to Electromagnetic Theory **EE 390 Ethics in Technology EE 470 Digital Design Using VHDL **EE *475 Capstone Project (4sh)	
<b>Social Science (3sh)</b> 3sh from: Psyc, Soci, Econ, Geog		<b>18sh from:</b> CIS 420 Computer Networks **CIS 465 Computer Security **EE 305 Data Structures **EE 310 Algorithm Analysis EE 317 Information Theory **EE 342 Microprocessor Lab **EE 346 Embedded System Design **EE 425 Signals & Systems II **EE 427 Mixed Signal Design **EE 429 Basic Communication Theory **EE 431 Intro. to Nanotechnology **EE 451 Reconfigurable System Design **EE 455 Digital Circuit Testing & Testability **EE 465 VLSI Design **EE 467 Intro. to Robotics **EE 469 Wireless Communications Mgt 446 Entrepreneurship	
<b>Math</b> Math *2413 Calculus I (4sh)	(See Major)		
<b>Fine Arts(3sh)</b> 3sh from Arts, Musi, or Drama			
<b>Speech</b> Spch 1315 Public Speaking <b>OR</b> Spch 1321 Bus/Prof Speaking			
<b>Computer Science</b> Bcis 1305 Bus Computer Applications <b>OR</b> Cosc 1301 Intro. to Microcomputers			
<b>Electives</b> 3sh Transfer Electives			
<b>**Courses pending approval.</b>		<b>Total Minimum Hours for Degree:</b>	<b>129 sh</b>
Note: Bachelor's degree graduation requirements include these minimums: 60 SCH transfer credit; 54 upper-division hours; and resident credit totaling 25% of the hours required for the degree.			

Date: \_\_\_\_\_

***This form is not a degree plan,  
it is for informational purposes only.***

Eff: Fall 2008