ENGINEERING BACHELOR OF SCIENCE WITH A CONCENTRATION IN ELECTRICAL ENGINEERING

Course	Title	Credits
Freshman Year		
Fall Semester		
ENGR1100	INTRODUCTION TO ENGINEERING EXPERIENCE	2
ENGR1204	ENGINEERING LABORATORY-BSEE/BSCO	2
MATH1750	ENGINEERING CALCULUS I	4
PHYS1250	ENGINEERING PHYSICS I	4
English Sequence*		4
	Credits	**16**
Spring Semester		
ENGR1300	FIRST-YEAR ENGINEERING DESIGN	2
ENGR1404	APPLIED ENGINEERING ANALYSIS-BSEE/BSCO	2
MATH1850	ENGINEERING CALCULUS II	4
PHYS1750	ENGINEERING PHYSICS II	4
English Sequence*		4
	Credits	**16**
Sophomore Year		
Fall Semester		
ELEC2250	NETWORK THEORY I	4
ELEC2275	DIGITAL LOGIC	4
MATH2500	DIFFERENTIAL EQUATIONS	4
Computer Science Elective (COMP) 1		4
	Credits	**16**
Spring Semester		
ELEC2750	NETWORK THEORY II	4
MATH2025	MULTIVARIABLE CALCULUS	4
ELEC2850	MICROCONTROLLERS USING C PROGRAMS	4
HSS Elective*		4
	Credits	**16**
Junior Year		
Fall Semester		
ELEC3250	ANALOG CIRCUIT DESIGN	4
ELEC3600	SIGNALS AND SYSTEMS	4
Management Elective (MGMT) 1		3
Elective 1		3
HSS Elective*		4
	Credits	**18**
Spring Semester		
COOP3500	COOP EDUCATION 1	
	Credits	**0**

Course	Title	Credits
Summer Semester		
ELEC3150	OBJECT ORIENTED PROGRAMMING FOR ENGINEERS	4
ENGR3500	ENGINEERING JUNIOR DESIGN	4
ELEC4475	FEEDBACK AND CONTROL	4
HSS Elective*		4
	Credits	**16**
Senior Year		
Fall Semester		
COOP4500	COOP EDUCATION 2	
	Credits	**0**
Spring Semester		
ENGR5000	ENGINEERING SENIOR DESIGN I	4
Math/Science Elective 1		4
Math/Science Elective 2		4
Management Elective (MGMT) 2		3
Elective 2		3
	Credits	**18**
Summer Semester		
ELEC4300	ENGINEERING COMMUNICATION SYSTEMS	4
ENGR5500	ENGINEERING SENIOR DESIGN II	4
HSS Elective*		4
Elective 3		3
	Credits	**15**
	Total Credits	**131**

Math Placement (https://catalog.wit.edu/academic-policies-procedures/ug/math-placement/) may alter the course schedule above.