ENGINEERING BACHELOR OF SCIENCE WITH A CONCENTRATION IN MECHANICAL ENGINEERING

Course	Title	Credits
Freshman Year		
Fall Semester		
ENGR1100	INTRODUCTION TO ENGINEERING EXPERIENCE	2
ENGR1207	ENGINEERING LABORATORY-BSME	2
MATH1750	ENGINEERING CALCULUS I	4
PHYS1250	ENGINEERING PHYSICS I	4
English Sequence*		4
	Credits	**16**
Spring Semester		
ENGR1300	FIRST-YEAR ENGINEERING DESIGN	2
ENGR1407	APPLIED ENGINEERING ANALYSIS-BSME	2
MATH1850	ENGINEERING CALCULUS II	4
PHYS1750	ENGINEERING PHYSICS II	4
English Sequence*		4
	Credits	**16**
Sophomore Year		
Fall Semester		
MECH2250	ENGINEERING THERMODYNAMICS I	4
MATH2025	MULTIVARIABLE CALCULUS	4
Computer Science Course (COMP)		4
Math/Science Elective 1		4
Elective 1		3
	Credits	**19**
Spring Semester		
MATH2500	DIFFERENTIAL EQUATIONS	4
MECH2000	ENGINEERING STATICS	4
MECH2300	ENGINEERING GRAPHICS	3
MECH3100	ENGINEERING FLUID MECHANICS	4
	Credits	**15**
Junior Year		
Fall Semester		
MECH2500	MECHANICS OF MATERIALS	4
MECH3900	ENGINEERING HEAT TRANSFER	4
Management Elective (MGMT) 1		3
Elective 2		3
	Credits	**14**
Spring Semester		
COOP3500	COOP EDUCATION 1	0
	Credits	**0**
Summer Semester		
ENGR3500	ENGINEERING JUNIOR DESIGN	4
MECH3850	ENGINEERING DYNAMICS	4

Course	Title	Credits
Management Elective (MGMT) 2		3
HSS Elective*		4
	Credits	**15**
Senior Year		
Fall Semester		
COOP4500	COOP EDUCATION 2	
	Credits	**0**
Spring Semester		
MECH3600	MATERIALS SCIENCE	4
MECH5000	MECHANICAL ENGINEERING CAPSTONE ANALYSIS	3
Elective 3		3
Engineering Elective 1		3
HSS Elective*		4
	Credits	**17**
Summer Semester		
MECH5500	MECHANICAL ENGINEERING CAPSTONE PROJECT	4
HSS Elective*		4
Math/Science Elective 2		4
Elective 4		3
	Credits	**15**
	Total Credits	**127**

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