

Curriculum map of Bachelor of Science in Industrial Engineering (as of November 2024)

Course code	Course description	Student outcome												
		A	B	C	D	E	F	G	H	I	J	K	L	M
COGERG2	Cognitive Ergonomics			■										
DYNSYST	Systems Dynamics									■				
ENGDAT1	Probability and Statistics for IE Majors	■												
ENGENV1	Environmental Science and Engineering								■					
IEOCSAF	Occupational Safety and Health for IE			■					■					
IEOPER2	Operations Research 2	■										■		
IMEMARK	Industrial Marketing							■			■			
INDFEAS	Feasibility Study							■	■		■			
LBYIE3A	Methods and Work Study Lab			■	■		■							
LBYIE3C	Cognitive Ergonomics Lab		■											
LBYIE4A	Systems Dynamics Lab										■	■		
PROMGT2	Methods and Work Study		■											■
SUPCHAN	Supply Chain Management							■						
SYSENG1	Systems Analysis and Design 1					■								
THSIE3A	Capstone Design Project 1				■	■							■	
THSIE4A	IE Thesis 1				■	■				■			■	
ECOPRIN	Economic Analysis								■					
ENGDAT2	Advanced Quantitative Analysis	■										■		
IEMERES	Methods of Research for IE			■					■	■			■	
IEOPER3	Operations Research 3	■												
INDUMAT	Advanced Mathematics for IE	■										■		
INFORSY	Management Information Systems						■						■	
INMANAC	Industrial Financial Accounting	■												
LBYIE2C	Advanced Quantitative Analysis Lab		■					■				■		
LBYIE3D	Operations Research Lab		■									■		
LBYIE3F	Management Information Systems Lab							■						
PRCIE4A	Industrial Engineering Practicum							■						
PROMGT1	Production/Operations Management					■						■		
SYSENG2	Systems Analysis and Design 2				■	■			■			■		■

THSIE3B	Capstone Design Project 2			■		■			■			■	■	
BIOERG1	Biomechanics			■			■							
FACILIT	Facilities Planning					■								
IEECONO	Engineering Economy for IE Majors					■			■					
IEOPER1	Operations Research 1	■								■		■		
IEPRODE	Product Design Lecture								■	■				
INCOSAC	Industrial Cost Accounting								■					
INDUORG	Industrial Organization and Management							■						■
INFIMAN	Industrial Financial Management	■									■			
LBYIE2E	Physical Ergonomics Lab		■	■	■		■					■		
LBYIE3G	Product Design Lab						■							
LBYIE4B	Systems Simulation Lab		■				■					■		
PROMGT3	Statistical Quality Control	■										■		
SIMDISC	Systems Simulation	■						■				■		
THSIE4B	IE Thesis 2							■	■				■	