



LAMAR UNIVERSITY - BEAUMONT (4 Years at LU)
B.S. in INDUSTRIAL ENGINEERING (121 Hours)
PROGRAM OF STUDY



This form applies to students entering Lamar University after May, 2014
 Supercedes all previous catalogs

Name: _____
LUID: _____
Advisor: _____

Street: _____
City,State,Zip: _____
Phone: _____
Email: _____

FALL

SPRING

FIRST YEAR

	CR	GRADE			
INEN 1101 Intro to Engineering	1				
CHEM 1311 Chemistry I	3				
CHEM 1111 Chemistry I Lab	1				
ENGL 1301 English Composition 1	3				
MATH 2413 Calculus & Analytic Geo. I	4				
COMM 1315 Public Speaking (5)	3				
TOTAL	15				

	CR	GRADE			
INEN 2360 Comp. Appl. IE	3				
CHEM 1312 - Lab Science Elective(2)	3				
CHEM 1112 - Lab Sc Elective Lab (2)	1				
MATH 2414 Calculus & Analytic Geo. II	4				
PHYS 2425 Physics I	4				
TOTAL	15				

SECOND YEAR

INEN 2373 Engineering Economics(3)	3				
INEN 3322 Engr. Matls. & Procs.	3				
CVEN 2301 Statics	3				
MATH 3328 Linear Algebra	3				
PHYS 2426 Physics II	4				
TOTAL	16				

INEN 3380 Work Design	3				
ELEN 2310 Fundamentals of EE	3				
MATH 3301 Diff. Eq.	3				
MEEN 2302 Dynamics	3				
PHIL 2306 Ethics (1)	3				
TOTAL	15				

THIRD YEAR

INEN 3320 Probability & Stat for Engr	3				
INEN 4315 Industrial Management	3				
INEN 4350 Production & Inventory Control	3				
INEN/TECH Elective(4)	3				
HIST 1301 History 1	3				
ECON 1301 Principles and Policies(8)	3				
TOTAL	15	18			

INEN 4320 Stat Decision Making for Engr	3				
INEN 4345 Computer Int. Manufacturing	3				
INEN 4370 Operations Research	3				
INEN 4300 Quality Improvement	3				
HIST 1302 History 2	3				
BULW 3310 Business Law(8)	3				
TOTAL	15	18			

FOURTH YEAR

INEN 4323 IE Systems Design (7)	3				
INEN 4375 Simulation of IE Sys.	3				
INEN 4316 Industrial and Product Safety	3				
INEN/TECH Elective (4)	3				
POLS 2301 American Gov't. I	3				
TOTAL	15				

INEN 4385 IE Design	3				
INEN/TECH Elective (4)	3				
INEN/TECH Elective (4)	3				
Creative Arts Elective (6)	3				
POLS 2302 American Gov't. II	3				
TOTAL	15				

Notes:

All STEM courses require a grade of 'C' or better to satisfy degree plan/prerequisite requirements

- (1) or PHIL 1370 Philosophy of Knowledge
- (2) CHEM 1312 + 1112 or another course approved by the INEN Chair
- (3) Social and Behavioral Science Elective is INEN 2373 Engineering Economics
- (4) Must be approved by BSIE Program Advisor
- (5) Or COMM 1321, DSDE 1371 (ASL 1), FREN 1311, SPAN 1311
- (6) Creative Arts Electives are: ARTS 1301, ARTS 1303, DANC 2304, MUSI 1306, COMM 1375, PHIL 1330
- (7) In addition to the prerequisites, students must be admitted into the BSIE Program and completed all courses through the junior year
- (8) **ECON 1301 and BULW 3310 for MBA 5-Year Plan. Can be taken in Summer as ECON 5200 and BULW 5200**