

LAMAR UNIVERSITY - BEAUMONT
B. S. in INDUSTRIAL ENGINEERING (125 Hours)
PROGRAM OF STUDY

This form applies to students entering Lamar University after May, 2010
 Supersedes the 2008-2010 catalog.

Name: _____
SID: _____
Advisor: Dr. Brian Craig

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

FALL						SPRING					
FIRST YEAR											
	CR	GRADE					CR	GRADE			
INEN 1101 Intro to Engineering	1					INEN 2360 Comp. Appl. IE	3				
CHEM 1411 Chemistry I	4					CHEM 1412 - Lab Science Elective(1)	4				
ENGL 1301 English Composition 1	3					ENGL 1302/1374 English Composition	3				
MATH 2413 Calculus & Analytic Geo. I	4					MATH 2414 Calculus & Analytic Geo. II	4				
PHIL 1370 Philosophy of Knowledge	3					PHYS 2425 Physics I	4				
PEGA	1										
TOTAL	16					TOTAL	18				

SECOND YEAR											
INEN 2373 Engineering Economics(2)	3					INEN 3380 Work Design	3				
INEN 3320 Probability & Stat for Engr	3					INEN 4320 Stat Decision Making for Engr	3				
CVEN 2301 Statics	3					ELEN 2310 Fundamentals of EE	3				
MATH 3328 Linear Algebra	3					MATH 3301 Diff. Eq.	3				
PHYS 2426 Physics II	4					MEEN 2302 Dynamics	3				
TOTAL	16					TOTAL	15				

THIRD YEAR											
INEN 3322 Engr. Matls. & Procs.	3					INEN 4316 Industrial and Product Safety	3				
INEN 4315 Industrial Management	3					INEN 4345 Computer Int. Manufacturing	3				
INEN 4350 Production & Inventory Control	3					INEN 4370 Operations Research	3				
INEN 4300 Quality Improvement	3					COMM-1315,1360,2335,2373,3310,3340(4)	3				
HIST(1301-1377) History 1	3					HIST(1301-2377) History 2	3				
ECON 1301 Principles and Policies	3					BULW 3310 Business Law	3				
TOTAL	15	18				TOTAL	15	18			

FOURTH YEAR											
ENGL (2322-2377) English Literature (5)	3					INEN 4385 IE Design (7)	3				
INEN 4323 IE Systems Design (7)	3					INEN/TECH Elective (3)	3				
INEN 4375 Simulation of IE Sys.	3					INEN/TECH Elective (3)	3				
INEN/TECH Elective (3)	3					Fine Arts Elective (6)	3				
POLS 2301 American Gov't. I	3					POLS 2302 American Gov't. II	3				
TOTAL	15					TOTAL	15				

Notes: (1) CHEM 1412 or another course approved by the INEN Chair.
 (2) Social Science Electives is INEN 2373
 (3) Must be approved by BSIE Program Advisor.
 (4) Or CDMS 2375 (American Sign Language) or Modern Language.
 (5) Any ENGL 2322-2377 will satisfy this requirement.
 (6) Fine Arts Electives are: ARTS 1301, DANC 2304, HUMA 1315, MUSI 1306, THEA 1310, or COMM 1375.
 (7) In addition to the prerequisites above, students must be admitted into the BSIE Program, completed courses through 3rd year and have senior standing.
 These courses ONLY for MBA. Can be taken in Summer as ECON 5200 and BULW 5200