



This form applies to students entering Lamar University after May, 2015

Supercedes all previous catalogs

Name: _____

LUID: _____

Advisor: Dr. Brian Craig _____

Street: _____

City, State, Zip: _____

Phone: _____

email: _____

FALL

SPRING

FIRST YEAR

	CR	GRADE			
ENGR 1201 Intro to Engineering	2				
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	16				

	CR	GRADE			
ENGR 2304 Programming for Engrs	3				
CHEM 1312 - Lab Science Elective (2)	3				
CHEM 1112 - Lab Sc Elective Lab (2)	1				
MATH 2414 Calculus & Analytic Geo. II	4				
PHYS 2325/2125 Physics I/Lab	4				
TOTAL	15				

SECOND YEAR

GOVT 2301 American Gov't. I	3				
HIST 1301 History I	3				
ENGR 2301 Statics	3				
MATH 2318 Linear Algebra	3				
PHYS 2326/2126 Physics II/Lab	4				
TOTAL	16				

HIST 1302 History II	3				
ENGR 2305 Circuit Analysis I	3				
MATH 2320 Diff. Eq.	3				
ENGR 2302 Dynamics	3				
PHIL 2306 Ethics (1)	3				
GOVT 2302 American Gov't. II	3				
TOTAL	18				

THIRD YEAR

INEN 2373 Engineering Economics (3)	3				
INEN 3320 Probability & Stat for Engr	3				
INEN 4315 Industrial Management	3				
INEN 4350 Production & Inventory Control	3				
INEN 3322 Engr. Matis. & Procs.	3				
TOTAL	15				

INEN 4320 Stat Decision Making Engr (8)	3				
INEN 4345 Computer Int. Manufacturing	3				
INEN 4370 Operations Research	3				
INEN 4300 Quality Improvement	3				
INEN 3380 Work Design	3				
TOTAL	15				

FOURTH YEAR

INEN 4323 IE Systems Design (7)	3				
INEN 4375 Simulation of IE Sys.	3				
INEN 4316 Industrial and Product Safety	3				
Approved Elective (4) (9)	3				
Approved Elective (4) (9)	3				
TOTAL	15				

INEN 4385 IE Design	3				
Approved Elective (4) (9)	3				
Approved Elective (4) (9)	3				
Creative Arts Elective (6)	3				
TOTAL	12				

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 lab science approved by the INEN Chair
- (3) Social and Behavioral Science Elective is INEN 2373 Engineering Economics
- (4) Must be INEN or see (9) or approved by BSIE Program Chair
- (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) Must be advanced to BSIE status
- (9) BSIE/MBA 5-year Program Electives: BULW 3310, ACCT 5315, ECON 5300, BCOM 3350 (ONLY if there is an English proficiency issue)