HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
ENGR 1201		Intro to ENGR	2	ENGR 1304		ENGR Graphics I	3
ENGL 1301		English Comp I	3	ENGL 2311		Technical & Business Writing	3
HIST Core		History Core	3	MATH 2414		Calculus II	4
MATH 2413		Calculus I	4	PHYS 2325		Univ Physics I	3
CHEM 1412		General Chemistry w/lab II	4	PHYS 2125		Univ Physics I Lab	1
				ENGR 2304		Programming for ENGR	3
Total			16	Total			17

HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
Total			0	Total			0

HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
ENGR 2301		Statics	3	ENGR 2305		Circuits I	3
GOVT 2305		Federal Govt	3	ENGR 2105		Circuits I Lab	1
MATH 2415		Calculus III	4	MATH 2320		Differential Equations	3
PHYS 2326		Univ Physics II	3	ENGR 2302		Dynamics	3
PHYS 2126		Univ Physics II Lab	1	ECON 2301 or 2302		Micro or Macro Economics	3
Total			14	Total			13

HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
MATH 2318		Linear Algebra	3	LPC Core		LPC Core	3
ENGR 2308	INEN 2373	Engr Economics	3				
Total			6	Total			3

Lamar			Hrs	Lamar			Hrs
INEN 3320			3	INEN 4320			3
INEN 4315		Industrial Management	3	INEN 4345			3
INEN 4350		Production & Inventory Control	3	INEN 4370			3
INEN 3322		Engineering Materials & Manufacturing Processes	3	INEN 4300			3
				INEN 3380			3
Total			12	Total			15

Lamar			Hrs	Lamar			Hrs
POLS 2301			3	HIST 1302			3
Total			3	Total			3

Fourth Year - Senior							
Fall Semester				Spring Semester			

Lamar			Hrs	Lamar			Hrs
INEN 4323		IE Systems Design	3	INEN 4385		IE Design	3
INEN 4375		Simulation of Industrial Systems	3	Technical Elective		Technical Elective	3
INEN 4316		Industrial & Product Safety	3	Technical Elective			3
INEN 4396		Automated System Engineering	3	CA Core			3
Total			12	Total			12

Notes:

Engineering Economics can be used as both Pre-rec and social and behavioral science elective at LU.

4 hours saved by having CHEM II required (assume Chem 1 completed as pre-rec)

Dynamics and computer graphics transferred as INEN Elective

Total number of hours is 126

HCC hours not used

ECON 2301 or 2302

One hour of circuits lab is not used

2 hour Intro to Engineering is used for 1 hour LU course