

Del Mar College AS Electrical Engineering to LU BS Electrical Engineering

First Year at Del Mar College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ENGR 1201	Intro to Engineering	2	ENGR 2304	Program for Engineering	3			
	GOVT 2305	Federal Govt	3	HIST 1301	US History I	3			
	CHEM 1411	General Chem I	4	GOVT 2306	Texas Govt	3			
	ENGL 1301	English Comp I	3	MATH 2414	Calculus II	4			
	MATH 2413	Calculus I	4	PHYS 2425	Univ Physics I	4			
	Fall Total Credit Hours		16	Spring Total Credit Hours		15	Summer Total Credit Hours		

Second Year at Del Mar College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ENGR 2406	Intro to Digital Sys	4	ECON 2301	Macro-economics	3	MATH 2318	Linear Algebra	3
	HIST 1302	US History II	3	CA Core	CA Core	3	ELEN 3101	Advanced EE Lab	1
	PHYS 2426	Univ Physics II	4	ENGR 2305	Circuits I	3	MATH 3435	Calculus III	4
	MATH 2320	Diff Equations	3	ENGR 2105	Circuits I Lab	1	ELEN 3328	Quantum Mech for EEs	3
				ENGR 2308	Engin Econ	3	ELEN 3431	Digital Logic Design	4
	Fall Total Credit Hours		14	Spring Total Credit Hours		13	Summer Total Credit Hours		15

Third Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ELEN 3312	Circuits II	3	ELEN 3313	Signals & Systems	3			
	ELEN 3371	Electro-magnetics	3	ELEN 3322	Electronics II	3			
	ELEN 3421	Electronics I	4	ELEN 3381	Electrical Analysis	3			
	ELEN 4486	Microcomputers I	4	ELEN 3441	Fund. Power Engr.	4			
				ELEN 4387	Micro-computers II	3			
	Fall Total Credit Hours		14	Spring Total Credit Hours		13	Summer Total Credit Hours		

Fourth Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ELEN 4306	Senior Project Design I	3	ELEN 4307	Sen Project Design II	3			
	ELEN 4351	Control Engineering	3	LPC Core	LPC Core	3			
	ELEN Elective ^{EE}	ELEN Elective ^{EE}	3	MATH 3370	Intro Theory of Stat Inference	3			
	ELEN Elective ^{EE}	ELEN Elective ^{EE}	3	ELEN Elective ^{EE}	ELEN Elective ^{EE}	3			
				COMM Core	COMM Core	3			
	Fall Total Credit Hours		12	Spring Total Credit Hours		15	Summer Total Credit Hours		

DEL MAR COLLEGE NOTES/COMMENTS:

*Engineering Economics is not required for LU's BS Electrical Engineering. Recommend MATH 2318 Linear Algebra or MATH 2415 Calculus III.

LAMAR UNIVERSITY NOTES/COMMENTS:

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ELEN Electives - see department advisor for approved electives.