

San Jacinto College AS Engineering, Civil to LU BS Civil Engineering

First Year at San Jacinto College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	CHEM 1111	General Chem I Lab	1	ENGR 2308	Engineering Economics	3			
	CHEM 1311	General Chem I	3	ENGR 1304	Engineering Graphics	3			
	ENGL 1301	English Comp I	3	GOVT 2305	Federal Govt	3			
	ENGR 1201 [^]	Intro to Engineering	2 [^]	MATH 2414	Calculus II	4			
	MATH 2413	Calculus I	4	PHYS 2125	Univ Physics I Lab	1			
	HIST 1301	U S History I	3	PHYS 2325	Univ Physics I	3			
	Fall Total Credit Hours		16	Spring Total Credit Hours		17	Summer Total Credit Hours		

Second Year at San Jacinto College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ENGR 2301	Statics	3	GEOL 1303	Physical Geology Lecture	3			
	ENGR 2304 [^]	Programming	3	ENGR 2302	Dynamics	3			
	HIST 1302	US History II	3	GEOL 1103	Physical Geo Lab	1			
	MATH 2415	Calculus III	4	GOVT 2306	Texas Govt	3			
	PHYS 2126	Univ Physics II Lab	1	ENGR 2332 [^]	Mech. of Solids	3			
	PHYS 2326	Univ Physics II	3	MATH 2320	Differential Equations	3			
	Fall Total Credit Hours		17	Spring Total Credit Hours		16	Summer Total Credit Hours		

Third Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	MATH 3370	Intro Theory Statistical	3	CVEN 3300	Engr. Materials	3			
	CVEN 3311	Intro Envr. Engr	3	CVEN 3360	Engr Hydrology	3			
	CVEN 3340	Struct Analysis	3	CVEN 3370	Water & Wastewater Treatment	3			
	CVEN 3351	Fluid Mechanics	3	CVEN 3390	Geotech Engr	3			
	LPC Core	LPC Core	3	COMM Core	Comm Core	3			
	Fall Total Credit Hours		15	Spring Total Credit Hours		15	Summer Total Credit Hours		

Fourth Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	CVEN 4212	Senior Design	2	CVEN 4350	Hydraulic Engr	3			
	CVEN 4365	Intro. Transportation	3	CVEN 4390	Structural Steel Dsgn	3			
	CVEN Elect.	CVEN Elective	3	CVEN 4313	Senior Design II	3			
	CVEN 4340	Fdn. Engr	3	CVEN Elect.	CVEN Elective	3			
	CVEN 4380	Reinforced Concrete	3	CA Core	Creative Arts Core	3			
	CVEN 4110	Prof. Seminar	1						
	Fall Total Credit Hours		15	Spring Total Credit Hours		15	Summer Total Credit Hours		

LAMAR UNIVERSITY NOTES/COMMENTS:

^ENGR 2332 at San Jac or CVEN/MEEN 2372 at Lamar Mechanics of Solids is required for some Junior classes.

^ENGR 1201 will transfer only if the student has taken another course with programming see ENGR 2304. So the 2 credits transfers, not the 5 for both courses.

Note that we do not accept Circuits so students should take GEOL 1301 and 1103.

* Communication, Creative Arts or Philosophy core courses can be taken at San Jac as long as they don't interfere with LU's residency requirements. Check with LU Engineering advisor.