



Transfer Pathway: San Jacinto College AS  
 Engineering, Chemical to Lamar University BS  
 Chemical Engineering



First Year - Freshman

Fall Semester	Spring Semester
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MATH 2413	Calculus I	4	PHYS 2325	Univ Physics I	3
GOVT 2305	Federal Govt	3	ENGL 1302 or 2311		

Summer Semester

Second Year - Sophomore

	Calculus III	4	MATH 2320	Diff Equations	3
	Univ Physics II Lab	1	MATH 2318	Linear Algebra	3
	Univ Physics II	3	HIST 1302	US History II	3
	Org Chem I Lab	1	ENGR 2305	EE Circuits	3
	Org Chem I	3	ENGR 2105	EE Circuits Lab	1
	Programming for Engrs	3	ENGR 2308	080 Core at LU	3
	US History I	3		Engineering Econ	3
Total		18	Total		16

San Jac	Lamar		Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
			Creative Arts Core	3	LPC Core		Lang, Philos, Culture Core	3
Total				3	Total			3

			Hrs		Lamar		Hrs
			3		CHEN 3340		3
			4		CHEN 2100		1
			3		MATH 3370		3
			1		CHEN 2140		1
Total			11	Total			8

Lamar	Course Name	Hrs	Lamar	Course Name	Hrs
	o II	3	CHEN 3320	Heat Transfer	3
		3	CHEN 4410	Reaction Kinetics	4
		3	CHEN Elective		3
Total		3	Total		3

	Fall Semester		Spring Semester		
Lamar	Control I	3	CHEN 4332		3
	nsfer	3	CHEN 4150		1
	ory I	3	CHEN 4340		3
	sign I	3	CHEN 4350		3
			CHEN Elective	CHEN Elective	3
Total					

ENGR 1201 Intro to Engineering - 4 hour unused. 1 hour course at LU instead of 2.  
 ENGR 2305 Electrical Circuits and 2105 Circuits Lab - 4 hours unused. Not required for BS Chemical Engineering at LU.  
 ENGR 2304 Programming for Engineering. Not required for BS Chemical Engineering at LU.