



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

Lamar			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
	Thermo 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	
	Transfer	3	CHEN 4150	1	
	Laboratory I	3	CHEN 4340	3	
	Design 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.