

First Year - Freshman							
Fall Semester				Spring Semester			
San Jac	Lamar	Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
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
Total			14	Total			17
Summer Semester							
San Jac	Lamar	Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
Total			0	Total			0
Second Year - Sophomore							
Fall Semester				Spring Semester			
San Jac	Lamar	Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
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
Total			17	Total			16
Summer Semester							
San Jac	Lamar	Course Name	Hrs	San Jac	Lamar	Course Name	Hrs
Total			0	Total			0
Third Year - Junior							
Fall Semester				Spring Semester			
Lamar	Course Name		Hrs	Lamar	Course Name		Hrs
MATH 3370	Intro to Theory of Statistical Inference		3	CVEN 3300	Engineering Materials Systems		3
CVEN 3311	Intro to Environmental Engineering		3	CVEN 3360	Engineering Hydrology		3
CVEN 3340	Structural Analysis		3	CVEN 3370	Water & Wastewater Treatment		3
CVEN 3351	Fluid Mechanics		3	CVEN 3390	Geo-technical Engineering		3
LPC Core	LPC Core		3	Comm Core	COMM Core		3
Total			15	Total			15
Summer Semester							
Lamar	Course Name		Hrs	Lamar	Course Name		Hrs
Total			0	Total			0
Fourth Year - Senior							
Fall Semester				Spring Semester			
Lamar	Course Name		Hrs	Lamar	Course Name		Hrs
CVEN 4212	Senior Design		2	CVEN 4350	Hydraulic Engineering		3
CVEN 4365	Intro to Transportation Engineering		3	CVEN 4390	Structural Steel Design		3
CVEN Elective	CVEN Elective		3	CVEN 4313	Senior Design II		3
CVEN 4340	Foundation Engineering		3	CVEN Elective	CVEN Elective		3
CVEN 4380	Reinforced Concrete Design		3	CA Core	Creative Arts Core		3
CVEN 4110	Professional Seminar		1				
Total			15	Total			15

Notes:

^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.

* If communication, creative arts or philosophy electives are taken at San Jac, they might transfer. Check Lamar for the approved options. (For instance Spanish 1311 is an option for the communication.)