

4 – Year Suggested Academic Plan for Transfer

Classes highlighted in yellow are needed to graduate from LSC with an AS in Civil Engineering, but will not apply to degree requirements at Lamar University. It is important to satisfy all prerequisite and/or corequisite requirements prior to registering for certain courses. Another college/university may not accept credits taken out of sequence to fulfill degree requirements.

First Year - Freshman

Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
EDUC 1300 (1)		Learning Framework: 1 st Year Exp.	3	PHIL 1301 (2)	PHIL 1370	Intro to Philosophy	3
ENGL 1301	ENGL 1301	Composition and Rhetoric I	3	MATH 2414	MATH 2414	Calculus II	4
MATH 2413	MATH 2413	Calculus I	4	PHYS 2425	PHYS 2425	Mechanics & Heat	4
CHEM 1411	CHEM 1311/1111	General Chemistry I	4	GOVT 2305	POLS 2301	Federal Government	3
ENGR 1201	INEN 1101	Intro to Engineering	2	HIST 1301	HIST 1301	US History to 1877	3
Total			16	Total			17

Second Year - Sophomore

Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
PHYS 2426	PHYS 2426	Electricity, Magnetism & Light	4	ENGR 2302	MEEN 2302	Engineering Mechanics: Dynamics	3
ENGR 2301	CVEN 2301	Engineering Mechanics: Statics	3	HIST 1302	HIST 1302	US History since 1877	3
MATH 2318	MATH 3328	Linear Algebra	3	MATH 2320	MATH 3301	Differential Equations	3
MATH 2415	MATH 3435	Calculus III	4	ENGR 1304		Engineering Graphics	3
ENGR 2304		Programming for Engineers	3	GOVT 2306	POLS 2302	Texas Government	3
PHED 1164		Intro to Physical Fitness & Wellness	1	ENGR 2405		Electrical Circuits I	4
Total			18	Total			19

Summer Session I at LSC

Summer Session II at Lamar University

LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
ENGR 2334	CHEN 2334	Thermodynamics	3		CVEN 2372	Mechanics of Solids	3
SPCH 1315 (3)	COMM 1315	Public Speaking	3				
Total			6	Total			3

Third Year - Junior

Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
	CVEN 2270	Surveying	2		CVEN 3200	Materials Engineering	2
	CVEN 3310	Water Chem in Env. Eng.	3		CVEN 3360	Engineering Hydrology	3
	CVEN 3340	Structural Analysis	3		CVEN 3370	Water and Wast Water Treatment	3
	CVEN 3350	Hydraulics	3		CVEN 3390	Geotechnical Engineering	3
	CVEN 3290	Eng. Probability & Statistics	2		Science Elective (5)	Choose from options below	3-4
Total			13	Total			14-15

Fourth Year - Senior

Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
	CVEN 4312	CE Systems Design Project (I)	3		CVEN Elective (6)	Choose from options below	3
	CVEN 4365	Intro to Transportation Engr.	3		CVEN 4350	Hydraulics Engineering	3
	CVEN 4340	Foundation Engineering	3		CVEN 4390	Structural Steel Design	3
	CVEN 4380	Reinforced Concrete Design	3		CVEN 4313	CE System Design Project (II)	3
	CVEN 4110	Seminar	1		INEN 2373	Engineering Economics	3
	Creative Arts (4)	Choose from options below	3				
Total			16	Total			15

Notes/Comments:

All STEM courses require a grade of "C" or better to satisfy degree plan/prerequisite requirements.

(1) EDUC 1300 is only required for First Time in College Students (FTIC)

(2) or PHIL 2306 Ethics; on a case by case basis, student can substitute PHIL for ENGL 1302 (core requirement) in AS Civil Engineering degree requirements at LSC for this agreement only

(3) or SPCH 1321

(4) Creative Arts electives are: ARTS 1301, ARTS 1303, MUSI 1306 or DANC 2303

(5) Science electives- min 3 hours: GEOL 1403, BIOL 1406 or CHEM 1412

(6) Must be approved by department chair. CVEN Electives are: CVEN 4300, 4320, 4355, 4360, or 4370

Articulation Agreement Information – Standard and Program to Program (P2P)

Transfer of Credit & Student Benefits

- Transfer Academic Excellence Scholarship and Phi Theta Kappa (PTK) Scholarship available to full-time students:
 - Please refer to <https://beacardinal.lamar.edu/paying-for-college/transfer-scholarships.html> for Eligibility Requirements and Renewal Requirements

Transfer Academic Excellence Scholarship		
Transferrable GPA	Scholarship Amount/Year	Renewable?
3.5-4.0	\$2,000	Yes
3.0-3.49	\$1,500	Yes
Phi Theta Kappa (PTK) Scholarship		
3.0-4.0	\$1,000	Yes

- Reverse transfer
- Students jointly admitted to Lamar University will receive same benefits as student of the institution
- LSC Honors students will receive consideration for acceptance to Lamar's Honors College

Optional Partnership

Standard Agreement & P2P Agreement

(Courses in AS Civil Engineering to Bachelor of Science in Civil Engineering)

Program Admission Requirements

- LSC students entering BS in Civil Engineering program at Lamar University must have a 2.0 GPA.

Program Specific Requirements

- All STEM courses require a grade of "C" or better to satisfy degree plan/prerequisite requirements.

This Transfer Degree Map aligns closely with the Associate of Science in Civil Engineering, however, a student will not receive this degree at LSC unless the additional classes (highlighted in yellow) are also taken. A student can reverse transfer credits taken at Lamar University to possibly complete this degree or an Associate of Science degree.

