



**Transfer Pathway: Blinn College AS
Engineering, Civil to Lamar University BS Civil
Engineering**



First Year - Freshman							
Fall Semester				Spring Semester			
Blinn	Lamar	Course Name	Hrs	Blinn	Lamar	Course Name	Hrs
ENGR 1201		Intro to Engr	2	ENGR 1304		Engr Graphics	3
MATH 2413		Calculus I	4	MATH 2414		Calculus II	4
CHEM 1409		Gen Chem for Engineers	4	PHYS 2325		University Physics I	3
ENGL 1301		English Comp I	3	PHYS 2125		University Physics I Lab	1
CA Core		CA Core	3	ENGL 1302		English Comp II	3
				HIST Core		History Core	3
Total			16	Total			17
Summer Semester							
Blinn	Lamar	Course Name	Hrs	Blinn	Lamar	Course Name	Hrs
Total			0	Total			0
Second Year - Sophomore							
Fall Semester				Spring Semester			
Blinn	Lamar	Course Name	Hrs	Blinn	Lamar	Course Name	Hrs
ENGR 2301		Statics	3	ENGR 2302		Dynamics	3
MATH 2415		Calculus III	4	COSC 1420		C Programming	4
PHYS 2326		University Physics II	3	ENGR 2332		Mechanics of Materials	3
PHYS 2126		University Physics II Lab	1	MATH 2320		Differential Equations	3
HIST Core		History Core	3				
Total			14	Total			13
Summer Semester							
Blinn	Lamar	Course Name	Hrs	Blinn	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	INEN 2373*	Engineering Economics		3
CVEN 3311	Intro to Environmental Engineering		3	CVEN 3300	Materials Engineering		3
CVEN 3311	Fluid Mechanics		3	CVEN 3360	Engineering Hydrology		3
POLS 2301*	Political Science I		3	CVEN 3370	Water & Wastewater Treatment		3
CVEN 3340	Structural Analysis		3	Science Elect	Science Elective**		4
Total			15	Total			16
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 Elect	CVEN Elective**		3	CVEN Elect	CVEN Elective**		3
CVEN 4340	Foundation Engineering		3	CVEN 4350	Hydraulic Engineering		3
CVEN 4380	Reinforced Concrete		3	CVEN 4390	Structural Steel Design		3
POLS 2302*	Political Science II		3	CVEN 4313	CE Systems Design II		3
CVEN 4110	Professional Seminar		1	LPC Core*	Language, Philosophy, Culture Core		3
CVEN 4212	CE Systems Design I		2				
Total			15	Total			15

Notes:

*Courses marked with an * can be taken at Blinn if available.

**Students should consult an academic advisor from the LU Civil Engineering department for the list of approved electives.