

Transfer Pathway: Houston Community College AS Engineering Science, Civil to Lamar University BS Civil Engineering



		Fire	st Year -	Freshman			
	Fa	ll Semester			Sp	ring Semester	
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
ENGR 1201		Intro to ENGR	2	ENGR 1304		ENGR Graphics I	3
ENGL 1301		English Comp I	3	ENGL 2311		Technical & Business Writing	3
HIST Core		History Core	3	MATH 2414		Calculus II	4
MATH 2413		Calculus I	4	PHYS 2325		Univ Physics I	3
CHEM 1411		General Chemistry I	4	PHYS 2125		Univ Physics I Lab	1
Total			16	Total			14
		S	ummer	Semester			
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
Total			0	Total			0
		Seco	nd Year	- Sophomore			
	Fa	ıll Semester			Spi	ring Semester	
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
ENGR 2301		Statics	3	ENGR 2332		Mechanics	3
ECON 2301 or							
2302*		Micro or Macro Economics	3	MATH 2320		Differential Equations	3
MATH 2415		Calculus III	4	ENGR 2302		Dynamics	3
PHYS 2326		Univ Physics II	3	GOVT 2305		Federal Govt	3
PHYS 2126		Univ Physics II Lab	1	Elective		Elective	1
ENGR 2304		Programming for ENGR	3	Liodivo		Licotive	1
Total		1 Togramming for Errorr	17	Total			13
Totat		s		Semester			10
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
ENGR 2308	INEN 2373*	ENGR Economics	3	1100	Lamai	Course Name	1113
Total	114214 2070	ENORECONOMICS	3	Total			0
Totat			- U				V
			nird Yea	ır - Junior			
	Fall Semester				Sp	ring Semester	
Lamar		Course Name	Hrs	Lamar		Course Name	Hrs
MATH 3370	Statistics		3	CVEN 3300		eering Materials Systems	3
CVEN 3311	Intro to Environmental Engineering		3	CVEN 3360	Engineering Hydrology		3
CVEN 3351	Fluid Mechanics		3	CVEN 3370	Water & Wastewater Treatment		3
POLS 2301	Political Science I		3	CVEN 3390	Geo-technical Engineering		3
LPC Core**	LPC Core**		3	Science	Science Elective***		4
				Elective***	Goldine Elective		4
CVEN 3340		Structural Analysis	3				
Total			18	Total			
				0			16
Lamar		S	ummer	Semester			16
		Course Name	Hrs	Semester Lamar		Course Name	16 Hrs
T <u>otal</u>				Lamar		Course Name	
Total		Course Name	Hrs 0	Lamar Total		Course Name	Hrs
Total		Course Name	Hrs 0	Lamar	Su		Hrs
	Fa	Course Name Fo	Hrs 0 urth Ye	Lamar Total ar - Senior	Spi	ring Semester	Hrs 0
Lamar		Course Name Fo Ill Semester Course Name	Hrs 0 urth Ye Hrs	Lamar Total ar - Senior Lamar		ring Semester Course Name	Hrs 0
Lamar CVEN 4365	Intro	Fo Ill Semester Course Name to Transport Engineering	O urth Ye	Total ar - Senior Lamar CVEN 4390	Si	ring Semester Course Name cructural Steel Design	Hrs 0
Lamar CVEN 4365 CVEN 4212	Intro Sys	Fools Semester Course Name to Transport Engineering stems Design Project I	Hrs 0 urth Ye Hrs 3 2	Total ar - Senior Lamar CVEN 4390 CVEN 4350	Si H	ring Semester Course Name tructural Steel Design ydraulics Engineering	Hrs 0
Lamar CVEN 4365	Intro Sys	Fo Ill Semester Course Name to Transport Engineering	O urth Ye	Total ar - Senior Lamar CVEN 4390 CVEN 4350 CVEN 4313	Si H	ring Semester Course Name cructural Steel Design	Hrs 0
Lamar CVEN 4365 CVEN 4212	Intro Sys Fo	Fools Semester Course Name to Transport Engineering stems Design Project I	Hrs 0 urth Ye Hrs 3 2	Total ar - Senior Lamar CVEN 4390 CVEN 4350 CVEN 4313 Advd. CVEN	Si H	ring Semester Course Name tructural Steel Design ydraulics Engineering	Hrs 0
Lamar CVEN 4365 CVEN 4212 CVEN 4340	Intro Sys Fo	Course Name Fo Ill Semester Course Name to Transport Engineering stems Design Project I undation Engineering	Hrs 0 urth Ye Hrs 3 2 3	Total ar - Senior Lamar CVEN 4390 CVEN 4350 CVEN 4313	Si H	ring Semester Course Name cructural Steel Design ydraulics Engineering stems Design Project II	Hrs 0 Hrs 3 3 3 3
Lamar CVEN 4365 CVEN 4212 CVEN 4340 CVEN 4380	Intro Sys Fo	For the second s	Hrs 0 urth Ye Hrs 3 2 3 1	Total ar - Senior Lamar CVEN 4390 CVEN 4350 CVEN 4313 Advd. CVEN Elective^	Si H	ring Semester Course Name tructural Steel Design ydraulics Engineering stems Design Project II CVEN Elective	Hrs 0
Lamar CVEN 4365 CVEN 4212 CVEN 4340 CVEN 4380 CVEN 4110	Intro Sys Fo	Fo all Semester Course Name to Transport Engineering stems Design Project I undation Engineering forced Concrete Design	Hrs 0 urth Ye Hrs 3 2 3 3	Total ar - Senior Lamar CVEN 4390 CVEN 4350 CVEN 4313 Advd. CVEN Elective^	Si H	ring Semester Course Name tructural Steel Design ydraulics Engineering stems Design Project II CVEN Elective	Hrs 0

Notes:

- *The LU Civil Engineering degree requires Engineering Economics. Neither ECON 2301 nor 2302 will not satisfy this requirement.
- **LU prefers PHIL 2306 Ethics
- ***LU Science Elective requirements may be satisfied by taking BIOL 1306/1106 Biology for Science Majors I (with lab) or GEOL 1403 Physical Geology (with lab) or COSC 1436 Programming Fundamentals. Students may take this course at HCC and transfer it to LU.

Creative Arts core can be taken at HCC and transferred to LU.

^Advd. CVEN Elective - CVEN 4320, 4370, or 53XX (students are allowed to take up to 6 graduate-level credits if they meet the pre-requisites for the course and get permission from the course instructor/department chair)