
		Transfer Pathway: Alvin Community College AS Physical Science, Geology to Lamar University BS Geology		 LAMAR UNIVERSITY			
First Year - Freshman							
Fall Semester				Spring Semester			
ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
ENGL 1301		English Comp I +	3	HIST 1301		US History I +	3
MATH 2412		Pre-Calculus +	4	ENGL 1302		English Comp II +	3
GEOL 1403		Physical Geology +	4	MATH 2413		Calculus I	4
PSYC 2317		Statistics (Psys)	3	GEOL 1404		Historical Geology +	4
Total			14	Total			14
Summer Semester							
ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
HIST 1302		US History II	3	SPCH 1315		Public Speaking	3
Total			3	Total			3
Second Year - Sophomore							
Fall Semester				Spring Semester			
ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
GOVT 2305		Federal Govt +	3	CA Core		Creative Arts Core +	3
CHEM 1411		General Chem I	4	GOVT 2306		Texas Govt +	3
GEOL 1405		Environ Science	4	LPC Core		Language/Phil/Culture Core +	3
SBS Core		Social/Behavioral Core +	3	CHEM 1412		General Chem II	4
Total			14	Total			13
Summer Semester							
ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
Total			0	Total			0
Third Year - Junior							
Fall Semester				Spring Semester			
Lamar	Course Name		Hrs	Lamar	Course Name		Hrs
GEOL 2471	Mineral Petrology		4	GEOL 4301	ST: Optical Mineralogy		3
GEOL 2377	Physical Geol & Geomorph		3	GEOL 3420	Structural Geology		4
GEOL 4101	ST: Geomorph Lab		1	PHYS 1402 or PHYS 2426	College or University Physics II		4
PHYS 1401 or 2425	College or University Physics I		4	Advd Elective*	Approved Advanced Elective		3
Advd Elective*	Approved Advanced Elective		3				
Total			15	Total			14
Summer Semester							
Lamar	Course Name		Hrs	Lamar	Course Name		Hrs
GEOL 3600	Summer Field Camp		6				
Total			6	Total			0
Fourth Year - Senior							
Fall Semester				Spring Semester			
Lamar	Course Name		Hrs	Lamar	Course Name		Hrs
GEOL 3450	Petrology		4	GEOL 4410	Stratigraphy & Sedimentology		4
GEOL 4301	ST: Geoscience Seminar		3	GEOL 4330	Geophysics		3
GEOL Advd Elect	GEOL Advanced Elective		3	GEOL 4101	ST: Geophysics Lab		1
GEOL Advd Elect	GEOL Advanced Elective		3	GEOL 4420	Palentology		4
				GEOL Advd Elect	GEOL Advanced Elective		3
Total			13	Total			15

Notes:

Alvin Core Notes:

+ Denotes core requirement. Speak with Department Chair or Academic Advisor for proper course selection.

Note: Students will also need to take MATH 2414, PHYS 1401 and 1402 or 2425 and 2426. Please see an advisor to determine when best to take these courses.

***LU Major Choices/Electives:** Degree requires 15 hours of upper-level courses. A minimum of 9 hours must be GEOL. Other 6 must be any science, math, or engineering courses. May include 15 hours of geospatial courses (GIS, GPS, remote sensing) to earn an Undergraduate GIS Certificate. See LU Geology advisor for list of approved courses.