



**Transfer Pathway: Lee College AS Biology to  
Lamar University BS Biology**



First Year - Freshman							
Fall Semester				Spring Semester			
Lee College	Lamar	Course Name	Hrs	Lee College	Lamar	Course Name	Hrs
EDUC 1200		Learning Frameworks	2	MATH 2413		Calculus I	4
ENGL 1301		English Comp I	3	ENGL 1302 or 2311		English Comp II or Tech/Bsns Writing	3
HIST 1301		US History I	3	HIST 1302 or 2301		US History II or Texas History	3
CA Core		Creative Arts Core	3	SPCH	COMM	Oral Communication Choice	3
BIOL 1406		General Biology I	4	BIOL 1407		General Biology II	4
Total			15	Total			17
Summer Semester							
Lee College	Lamar	Course Name	Hrs	Lee College	Lamar	Course Name	Hrs
Total			0	Total			0
Second Year - Sophomore							
Fall Semester				Spring Semester			
Lee College	Lamar	Course Name	Hrs	Lee College	Lamar	Course Name	Hrs
LPC Core		Language, Philosophy, Culture	3	SBS Core		Social Behavioral Sciences Core	3
CHEM 1411	CHEM 1311/1111	General Chemistry I w/lab	4	PHYS 1401		College Physics I	4
GOVT 2305	POLS 2302	Federal Government	3	GOVT 2306	POLS 2301	Texas Government	3
Statistics		MATH 1342 or PSYC 2317	3	CHEM 1412	CHEM 1312/1112	General Chemistry II w/lab	4
Total			13	Total			14
Summer Semester							
Lee College	Lamar	Course Name	Hrs	Lee College	Lamar	Course Name	Hrs
	BIOL 2421	Microbiology	4				
Total			4	Total			0
Third Year - Junior							
Fall Semester				Spring Semester			
Lamar	Course Name		Hrs	Lamar	Course Name		Hrs
CHEM 3311	Organic Chemistry I		3	CHEM 3312	Organic Chemistry II		3
CHEM 3111	Organic Chemistry I lab		1	CHEM 3112	Organic Chemistry Lab II		1
BIOL elect	Invertebrate or Vertebrate option		4	BIOL elect	Invertebrate or Vertebrate option		4
BIOL elect	Upper Level Biology elective		3	BIOL elect	Upper Level Biology elective		4
Phys 1402	College Physics II		4	Elective	University elective		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
BIOL 3450	Botany		4	BIOL 3470	Genetics		4
BIOL option	Cell Biology/ Molecular option		4	BIOL 4344	Development of Biological thought		3
BIOL elect	Upper Level Biology elective		4	BIOL elect	Upper Level Biology elective		4
BIOL elect	Upper Level Biology elective		3	BIOL elect	Upper Level Biology elective		4
Total			15	Total			15

**Notes:**

EDUC 1200 Learning Frameworks is not used in the LU BS Biology degree.

**BIOL 2421 Microbiology can be taken at either institution; it is a pre-requisite for many of Lamar's upper level Biology courses, so it is strongly recommended that students take it at Lee College.**

One upper level Biology course must be writing intensive. These courses include: BIOL 3440 Advanced Physiology, BIOL 4404 Molecular Biology, BIOL 4430 Limnology, BIOL4308 Medical Botany, BIOL 4460 Ecology, and BIOL 4437 Environmental Microbiology.