



## TRANSFER PATHWAY: LEE COLLEGE AS BIOLOGY TO LAMAR UNIVERSITY BS BIOLOGY

			First Year - F	reshman			
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	СОММ	Oral Communication Choice	3
BIOL 1406		General Biology I	4	BIOL 1407		General Biology II	4
Total			15				17
		Sec	cond Year - S	ophomore			
		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			
Total			13				14
			Summer Se	emester			
Lee College	Lamar	Course Name	Hrs				
Lee College BIOL 2421	Lamar BIOL 2421	Course Name	Hrs 4				
BIOL 2421	Lamar BIOL 2421	Course Name Microbiology					
BIOL 2421			4	- Junior			
BIOL 2421		Microbiology	4 4	- Junior		Spring Semester	
BIOL 2421	BIOL 2421		4 4		nar	Spring Semester Course Name	Hrs
BIOL 2421 Total Lan	BIOL 2421	Microbiology  Fall Semester  Course Name	4 4 Third Year		nar	Course Name	Hrs 3
BIOL 2421 Total  Lan CHEM 3311	BIOL 2421	Fall Semester Course Name Organic Chemistry I	4 4 Third Year	Lan	nar	Course Name Organic Chemistry II	
BIOL 2421 Total Lan CHEM 3311	BIOL 2421	Fall Semester Course Name Organic Chemistry I Organic Chemistry I lab	4 Third Year Hrs 3	Lan	nar	Course Name Organic Chemistry II Organic Chemistry Lab II	3
BIOL 2421 Total Lan CHEM 3311 CHEM 3111 BIOL elect	BIOL 2421	Fall Semester Course Name Organic Chemistry I	4 4 Third Year  Hrs 3 1	Lan CHEM 3312 CHEM 3112	nar	Course Name Organic Chemistry II	3
BIOL 2421 Total  Lan CHEM 3311 CHEM 3111 BIOL elect BIOL elect	BIOL 2421	Fall Semester Course Name Organic Chemistry I Organic Chemistry I lab Invertebrate or Vertebrate option BIOL elect	4 4 Third Year  Hrs 3 1 4	CHEM 3312 CHEM 3112 BIOL elect	nar	Organic Chemistry II Organic Chemistry Lab II Invertebrate or Vertebrate option BIOL elect	3 1 4
BIOL 2421 Total  Lan CHEM 3311 CHEM 3111 BIOL elect BIOL elect Phys 1402	BIOL 2421	Fall Semester Course Name Organic Chemistry I Organic Chemistry I lab Invertebrate or Vertebrate option	4 4 Third Year  Hrs 3 1 4 3	CHEM 3312 CHEM 3112 BIOL elect BIOL elect	nar	Organic Chemistry II Organic Chemistry Lab II Invertebrate or Vertebrate option	3 1 4 4
BIOL 2421 Total  Lan CHEM 3311 CHEM 3111 BIOL elect BIOL elect Phys 1402	BIOL 2421	Fall Semester Course Name Organic Chemistry I Organic Chemistry I lab Invertebrate or Vertebrate option BIOL elect College Physics II	4 4 Third Year  Hrs 3 1 4 3 4	CHEM 3312 CHEM 3112 BIOL elect BIOL elect Elective Total	nar	Organic Chemistry II Organic Chemistry Lab II Invertebrate or Vertebrate option BIOL elect	3 1 4 4 3
BIOL 2421 Total  Lan CHEM 3311 CHEM 3111 BIOL elect BIOL elect Phys 1402	BIOL 2421	Fall Semester Course Name Organic Chemistry I Organic Chemistry I lab Invertebrate or Vertebrate option BIOL elect College Physics II	4 Third Year  Hrs 3 1 4 3 4 15	CHEM 3312 CHEM 3112 BIOL elect BIOL elect Elective Total	nar	Organic Chemistry II Organic Chemistry Lab II Invertebrate or Vertebrate option BIOL elect University elective	3 1 4 4 3
BIOL 2421 Total  Lan CHEM 3311 CHEM 3111 BIOL elect BIOL elect Phys 1402	BIOL 2421	Fall Semester Course Name Organic Chemistry I Organic Chemistry I lab Invertebrate or Vertebrate option BIOL elect College Physics II	4 Third Year  Hrs 3 1 4 3 4 15	CHEM 3312 CHEM 3112 BIOL elect BIOL elect Elective Total		Organic Chemistry II Organic Chemistry Lab II Invertebrate or Vertebrate option BIOL elect	3 1 4 4 3
BIOL 2421 Total  Lan CHEM 3311 CHEM 3111 BIOL elect BIOL elect Phys 1402 Total  Lan	BIOL 2421	Fall Semester  Course Name Organic Chemistry I Organic Chemistry I lab Invertebrate or Vertebrate option BIOL elect College Physics II  Fall Semester Course Name	Hrs 3 1 4 3 4 15 Fourth Year	CHEM 3312 CHEM 3112 BIOL elect BIOL elect Elective Total - Senior		Organic Chemistry II Organic Chemistry Lab II Invertebrate or Vertebrate option BIOL elect University elective  Spring Semester	3 1 4 4 3 15
BIOL 2421 Total  Lan CHEM 3311 CHEM 3111 BIOL elect BIOL elect Phys 1402 Total  Lan BIOL 3450	BIOL 2421	Fall Semester Course Name Organic Chemistry I Organic Chemistry I lab Invertebrate or Vertebrate option BIOL elect College Physics II  Fall Semester Course Name Botany	Hrs 3 1 4 3 4 15 Fourth Year	CHEM 3312 CHEM 3112 BIOL elect BIOL elect Elective Total - Senior Lan		Course Name Organic Chemistry II Organic Chemistry Lab II Invertebrate or Vertebrate option BIOL elect University elective  Spring Semester Course Name Genetics	3 1 4 4 3 15
BIOL 2421 Total  Lan CHEM 3311 CHEM 3111 BIOL elect BIOL elect Phys 1402 Total  Lan BIOL 3450 BIOL option	BIOL 2421	Fall Semester Course Name Organic Chemistry I Organic Chemistry I lab Invertebrate or Vertebrate option BIOL elect College Physics II  Fall Semester Course Name Botany Cell Biology/ Molecular option	4 4 Third Year  Hrs 3 1 4 3 4 15 Fourth Year	CHEM 3312 CHEM 3112 BIOL elect BIOL elect Elective Total - Senior Lan		Course Name Organic Chemistry II Organic Chemistry Lab II Invertebrate or Vertebrate option BIOL elect University elective  Spring Semester Course Name	3 1 4 4 3 15
Lan CHEM 3311 CHEM 3111 BIOL elect BIOL elect Phys 1402 Total	BIOL 2421	Fall Semester Course Name Organic Chemistry I Organic Chemistry I lab Invertebrate or Vertebrate option BIOL elect College Physics II  Fall Semester Course Name Botany	4 4 Third Year  Hrs 3 1 4 3 4 15 Fourth Year  Hrs 4 4	CHEM 3312 CHEM 3112 BIOL elect BIOL elect Elective Total - Senior BIOL 3470 BIOL 4344		Course Name Organic Chemistry II Organic Chemistry Lab II Invertebrate or Vertebrate option BIOL elect University elective  Spring Semester Course Name Genetics Development of Biological thought	3 1 4 4 3 15 Hrs 4 3

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.