

## Del Mar College AS Physics to LU BS Physics

First Year at Del Mar College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	EDUC 1100	Learning Frmwrks	1	<b>MATH 2413</b>	Calculus I	4			
	<b>MATH 1316</b>	Plane Trig	3	<b>ENGL 1302</b>	English Comp II	3			
	<b>ENGL 1301</b>	English Comp I	3	PHYS 2425	University Physics	4			
	<b>HIST 1301 or 2327</b>	US Hist I or Mexican Amer Hist I	3	<b>CHEM 1412</b>	Gen Chem II w/lab	4			
	<b>CHEM 1411</b>	Gen Chem I w/lab	4						
	<b>Fall Total Credit Hours</b>		14	<b>Spring Total Credit Hours</b>		15	<b>Summer Total Credit Hours</b>		

Second Year at Del Mar College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	MATH 2414	Calculus II	4	MATH 2415	Calculus III	4			
	<b>GOVT 2305</b>	Federal Govt	3	<b>GOVT 2306</b>	Texas Govt	3			
	<b>HIST 1302 or 2328</b>	US Hist II or Mexican Amer Hist II	3	KINE 1164	Intro to Phys Fit	1			
	PHYS 2426	University Physics II	4	<b>SBS Core</b>	SBS Core	3			
	LPC Core	LPC Core	3	<b>CA Core</b>	CA Core	3			
	<b>Fall Total Credit Hours</b>		17	<b>Spring Total Credit Hours</b>		14	<b>Summer Total Credit Hours</b>		

Third Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	Elective	Consult Advisor	3	PHYS 3314	Math Methods	3			
	MATH 3328	Linear Algebra	3	PHYS 3350	Modern Physics	3			
	MATH 3301	Diff. Equations	3	PHYS 3430	Analytical Mechanics	4			
	Elective	Consult Advisor	3	Conc. course	Consult Advisor	3			
	Elective	Consult Advisor	3	Elective	Consult Advisor	3			
	<b>Fall Total Credit Hours</b>		15	<b>Spring Total Credit Hours</b>		16	<b>Summer Total Credit Hours</b>		

Fourth Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	PHYS 4320	Quantum Mechanics	3	PHYS 4480	Optics	4			
	PHYS 4370	Solid State Physics	3	PHYS 3390	Statistical Physics	3			
	PHYS 3380	Electricity & Magnetism	3	PHYS 4301	Special Topics	3			
	Math Elect.	Consult Advisor	3	Conc. course	Consult Advisor	3			
	Conc. course	Consult Advisor	3	Elective	Consult Advisor	3			
	<b>Fall Total Credit Hours</b>		15	<b>Spring Total Credit Hours</b>		16	<b>Summer Total Credit Hours</b>		

**DEL MAR COLLEGE NOTES/COMMENTS:**

Courses in **bold type** satisfy Del Mar College Core Curriculum.

**LAMAR UNIVERSITY NOTES/COMMENTS:**

Years 1 and 2: Del Mar College - Students take 60 credit hours.

Years 3 and 4: Lamar University - 58 (out of 60) credit hours will count towards the BS degree in Physics, e.g. all courses except EDUC 1100 and KINE 1164.

62 credit hours are needed at Lamar University, so that: 58 (Del Mar) + 62 (Lamar) = 120 hours to complete the BS degree in Physics.