

Blinn College AS Engineering to LU BS Industrial Engineering

First Year at Blinn College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ENGR 1201	Intro to Engr.	2	ENGR 1304	Engr. Graphics	3			
	MATH 2413	Calculus I	4	MATH 2414	Calculus II	4			
	CHEM 1409	Gen Chem for Engineers	4	PHYS 2325	University Physics I	3			
	ENGL 1301	English Comp I	3	PHYS 2125	University Physics I Lab	1			
	LPC Core	LPC Core	3	ENGL 1302	English Comp II	3			
				HIST core	American History Core	3			
	Fall Total Credit Hours		16	Spring Total Credit Hours		17	Summer Total Credit Hours		

Second Year at Blinn College	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	ENGR 2301	Statics	3	ENGR 2302	Dynamics	4	POLS Core	POL SCI Core	3
	MATH 2415	Calculus III	4	ENGR 2405	Electrical Circuits	3	MATH 2318	Linear Algebra	3
	PHYS 2326	University Physics II	3	ENGR 2304	Programming for Engineers	3	CHEM 1312	General Chemistry II	3
	PHYS 2126	University Physics II Lab	1	MATH 2320	Differential Equations	3	CHEM 1112	General Chemistry II Lab	1
	SBS Core	SBS Core	3				INEN 2373 or ENGR 2308	Engr Economics	3
	Fall Total Credit Hours		14	Spring Total Credit Hours		13	Summer Total Credit Hours		

Third Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	INEN 3320	Prob & Statistics Engineering	3	INEN 4320	Stat. Decision Making Engr.	3			
	INEN 4315	Industrial Mgmt	3	INEN 4345	Computer Integrated Mfg.	3			
	INEN 4350	Prod & Inventory Cntrl	3	INEN 4370	Operations Research	3			
	INEN 3322	Engr Materials/Process	3	INEN 4300	Quality Improvement	3			
	INEN 3380	Work Design	3						
	Fall Total Credit Hours		15	Spring Total Credit Hours		12	Summer Total Credit Hours		

Fourth Year at Lamar University	FALL			SPRING			SUMMER		
	Course	Title	Credit Hours	Course	Title	Credit Hours	Course	Title	Credit Hours
	INEN 4323	IE Sys Design	3	INEN 4385	IE Design	3			
	INEN 4375	Sim of IE Syst	3	Technical Elective	Technical Elective	3			
	INEN 4316	Industrial & Product Safety	3	Technical Elective	Technical Elective	3			
	INEN 4396	Automated System Engr	3	HIST Core	American History Core	3			
	CA Core	Creative Arts Core	3	POLS Core	Political Science Core	3			
Fall Total Credit Hours		15	Spring Total Credit Hours		15	Summer Total Credit Hours			

BLINN COLLEGE NOTES/COMMENTS:

Blinn students should take ENGR 2304 Programming for Engineers instead of ENGR 2332 Mechanics of Materials.

LAMAR UNIVERSITY NOTES/COMMENTS:

ENGR 2302 and MATH 2315 transfer as INEN electives.

ENGR 1304 Engineering Graphics does not transfer due to only accepting 2 lower division courses as INEN electives.

ENGR 1201 Intro to Engineering transfers as a one-hour course.

LU has 3-hour circuits instead of 4.

Blinn students should take ENGR 2304 Programming for Engineers instead of ENGR 2332 Mechanics of Materials.

Note - INEN 2373 at Lamar counts as a Social and Behavioral Science Core.