

Transfer Degree Map: LSC to PVAMU

Bachelor of Science in Chemical Engineering



4 – Year Suggested Academic Plan for Transfer

It is important to satisfy all prerequisite and/or corequisite requirements prior to registering for certain courses. Another college/university may not accept credits taken out of sequence to fulfill degree requirements.

First Year - Freshman							
Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
EDUC 1300 (1)	N/A	Learning Framework: 1 st Year Exp.	3	HIST 1301	HIST 1313	U.S. History to 1877	3
MATH 2413	MATH 1124	Calculus I	4	MATH 2414	MATH 2024	Calculus II	4
CHEM 1411	CHEM 1033	General Chemistry I	4	CHEM 1412	CHEM 1043/1021	General Chemistry II	4
ENGL 1301	ENGL 1123	Composition & Rhetoric I	3	ENGL 1302 (2)	ENGL 1143	Composition & Rhetoric II	3
ENGR 1201	CHEG 1011/1021	Intro to Engineering	2	PHYS 2425	PHYS 2513/2511	University Physics I (prev. Mechanics & Heat)	4
Total			16	Total			18
Summer Session							
HIST 1302	HIST 1323	U.S. History Since 1877	3	GOVT 2305	POSC 1113	Federal Government	3
				PHED 1164	N/A	Intro to Physical Fitness & Wellness	1
Total			3	Total			4
Second Year - Sophomore							
Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
MATH 2415	GNEG 1121/2021	Calculus III	4	MATH 2320	MATH 2043	Differential Equations	3
ENGR 2333	CHEG 2053	Elementary Chemical Engineering	3	ENGR 2334	CHEG 2043	Thermodynamics I	3
PHYS 2426	PHYS 2523/2521	University Physics II	4	ENGR 2304	ELEG 1043	Programming for Engineers	3
CHEM 2423	CHEM 2033/2032	Organic Chemistry I	4	CHEM 2425	CHEM 2043/2042	Organic Chemistry II	4
				SPCH 1315	COMM 1003	Public Speaking	3
Total			15	Total			16
Summer Bridge (PVAMU)							
	CHEG 2013	Materials Science & Engineering	3		CHEG 2003	Eco Anal Tech Appl.	3
Total			3	Total			3
Third Year - Junior							
Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
	CVEG 2454	Statics & Dynamics	4		CHEG 3043	Separations	3
	CHEG 3013	Heat, Mass & Mom. Transfer	3		CHEG 3063	Kinetics & Reactor	3
	CHEG 3023	Unit Operations	3		MATH 3023	Probability & Statistics	3
	CHEG 3053	ChE Thermodynamics II	3		MATH 4173	Advanced Math for Engrs	3
	ELEG 2053	Intro Electrical Engineering	3		GNEG 3061	Project Management	1
					POSC 1123	American Government II	3
Total			16	Total			16
Fourth Year - Senior							
Fall Semester				Spring Semester			
LSC	University	Course Name	Hrs	LSC	University	Course Name	Hrs
	CHEM 3413	Physical Chemistry I	3		Adv. Chem. Elective	Advanced Chemistry Elective (3hr)	3
	CHEG 4011	Chemical Engineering Lab II	1		Technical Elective	Technical Elective (CHEG)	3
	CHEG 4033	Process Dynamics & Control	3		CHEG 4031	ChE Lab III	1
	CHEG 4043	Process Design & Analysis	3		CHEG 4482	Senior Design & Prof II	2
	CHEG 4472	Senior Design & Prof. I	2		Lang./Phil./Culture		3
	Technical Elective		3		Creative Arts		3
Total			15	Total			15

Notes/Comments:

- (1) EDUC 1300 only required for First Time in College (FTIC) students
- (2) PVAMU will accept ENGL 1302 in place of Technical Writing

Articulation Agreement Information – Standard and Program to Program (P2P)

Transfer of Credit & Student Benefits

- Direct Connect Scholarship available to full-time students:
 - Please refer to <https://www.pvamu.edu/recruitment/direct-connect-program/> for 2016-2017 scholarship criteria and program benefits.
 - Associate's degree and cumulative GPA 2.0-2.99 = \$4,000
 - Associate's degree and cumulative GPA 3.0-4.0 = \$5,000
 - 45 transferrable college level hours and Cum. GPA 2.5 = \$2,500
 - Scholarship based upon availability of funds and Community College Tuition and Mandatory Fees at the time of registration; subject to change for 2017-2018
- College students and employees will receive a **50%** reduction off the application fee
- Reverse transfer

Optional Partnership

- Joint Admissions
 - Student ID at LSC & PVAMU
 - Student computer/internet account at LSC & PVAMU
 - Student access to computer labs, libraries and employment opportunities at LSC & PVAMU
 - Student access to sporting events at PVAMU
 - Free electronic transfer transcript transmission/evaluation
 - Reduced application fee to PVAMU
- Cooperative Advising
 - Allows advising access at LSC and PVAMU for **all** degree programs at PVAMU for students admitted to PVAMU and all LSC students with expressed interest in transferring to PVAMU

Standard Agreement & P2P Agreement

(Associate of Science in Chemical Engineering
(pending THECB approval) to
Bachelor of Science in Chemical Engineering)

Program Admission Requirements

- LSC students entering BS in Chemical Engineering program at PVAMU must have a 2.5 GPA.

Program Specific Requirements

- PVAMU may accept less credit hours based on PVAMU's degree requirements. For instance, PVAMU's Chemical Engineering program requires 5 credit hours in General Chemistry. LSC's coursework in General Chemistry I and General Chemistry II has 8 credit hours. Only 5 of the 8 credit hours in General Chemistry will be accepted to PVAMU's Chemical Engineering program.
- Certain courses in Transfer Degree Map will not satisfy degree requirements at PVAMU but are required to complete degree at LSC (ex. EDUC 1300 (if First Time in College) and PHED 1164).
- It is important to satisfy all prerequisite and/or corequisite requirements prior to registering for certain courses. Another college/university may not accept credits taken out of sequence to fulfill degree requirements.

