



COURSES
AVAILABLE
ON CAMPUS

BACHELOR OF SCIENCE CHEMICAL ENGINEERING



START WITH BLINN COLLEGE. FINISH AT LAMAR UNIVERSITY!

Your Future

The Lamar University Bachelor of Science in Chemical Engineering degree prepares you to apply the principles of chemistry, biology, physics and math to solve problems that involve the production or use of chemicals, fuel, drugs, food and many other products. You can design processes and equipment for large-scale manufacturing, plan and test production methods and byproducts treatment and direct facility operations.

Because Lamar University is so conveniently located near industry in the Southeast Texas area, you'll have access to many co-op opportunities and will easily find a job after graduation. Chemical engineering encompasses multiple fields in several industries. With this degree, your career opportunities are nearly limitless.

Career Opportunities

- Petrochemicals
- Fuels and Energy
- Process Design
- Safety and Health
- Pharmaceuticals
- Semiconductor

LU SCHOLARSHIPS

AMOUNT/YEAR	TRANSFERABLE GPA	RENEWABLE?
TRANSFER ACADEMIC EXCELLENCE SCHOLARSHIP*		
\$2,000	3.5-4.0	YES
\$1,500	3.0-3.49	YES
PHI THETA KAPPA (PTK) SCHOLARSHIP		
\$1,000	3.0-3.49	YES

**Based on availability and for full-time students who have earned more than 30. but less than 90 transfer credits and enrolled in on-campus programs*

TO APPLY FOR SCHOLARSHIPS

- Complete your admissions application
- Visit lamar.edu/myscholarships
- Complete the General Application

PRIORITY DEADLINES

Fall - July 1
Spring - December 1

A.S. ENGINEERING

FALL SEMESTER

ENGR 1201 – Intro. to Engineering
MATH 2413 – Calculus I
CHEM 1409 – General Chemistry I
ENGL 1301 – Composition I
PHIL 2306 – Ethics

SPRING SEMESTER

MATH 2414 – Calculus II
PHYS 2425 – University Physics I
ENGL 1302 – Composition II
HIST 1301 – U.S. History
ENGR 1304 – Engr. Graphics

FALL SEMESTER

MATH 2318 – Linear Algebra
MATH 2415 – Calculus III
PHYS 2426 – University Physics II
Soc/Behav Sci Core

SPRING SEMESTER

CHEM 1412 – Gen. Chem. II
ENGR 2405 – Electrical Circuits
ENGR 2332 – Materials
MATH 2320 – Differential Equations

SUMMER AT BLINN

Creative Arts Core
HIST 1302 – U.S. History II
GOVT 2305 – Federal Government
GOVT 2306 – Texas Government

B.S. CHEMICAL ENGINEERING

FALL SEMESTER

CHEM 3111 & 3311 – Organic Chemistry I & Lab
INEN 2373 – Engineering Economics
CHEN 2374 – Thermodynamics I
CHEN 2140 – Undergrad Seminar
CHEN 2100 – CAMS
CHEN 1101 – Intro. to Chemical Engineering

SPRING SEMESTER

CHEM 3401 – Quantitative Analysis
CHEN 3340 – Process Analysis
MATH 3370 – Theory of Statistical Inference
CHEM 3112 & 3312 – Organic Chemistry II & Lab

SUMMER AT LU

CHEN 3330 – Thermodynamics II
CHEN 3311 – Momentum Transfer
CHEN 3320 – Heat Transfer
CHEN 4410 – Reaction Kinetics

FALL SEMESTER

CHEN 4331 – Process Control I
CHEN 4320 – Mass Transfer
CHEN 4310 – Lab I
CHEN 4360 – Design I
Technical Elective

SPRING SEMESTER

CHEN 4332 – Process Control II
CHEN 4150 – Process Control Lab
CHEN 4340 – Plant Design II
CHEN 4350 – Advanced Analysis
Technical Elective
Technical Elective



I'm ready to apply.
What's next?

You've made a great choice!
Follow the steps below to becoming a Cardinal.

HOW TO APPLY

REQUIRED STEPS

1. Finish your degree at Blinn College
2. Complete your application and transfer to Lamar University through ApplyTexas.org



OFFICE OF ADMISSIONS
LAMAR UNIVERSITY



/lamaruadmissions
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PLAN A VISIT TO CAMPUS (409) 880-8316

plan or take a virtual tour at lamar.edu/visit