



**YOUR
Moment
IS HERE**

START WITH ALVIN COMMUNITY COLLEGE. FINISH AT LAMAR UNIVERSITY!

Your Future

Chemistry major learns to think creatively, troubleshoot complex problems, perform detailed analyses, and make decisions based on research. Chemistry is often called “the central science,” for it connects the fields of physics, biology, medicine and engineering at the molecular level. It’s fundamental to every aspect of our day-to-day lives.

The Department of Chemistry provides an undergraduate program designed to train students as professional chemists, with American Chemical Society (ACS) certification. A degree in chemistry has often proven the most valuable for those planning to pursue demanding career paths in the various medical disciplines.

Career Opportunities

Our programs encompass a wide variety of professions such as:

- Chemical Industry
- Environmental Companies
- Safety Management Companies
- Pharmaceutical Industry
- Forensics Laboratories
- Polymer Companies
- Petroleum Industry
- Cosmetic Industry
- K-12 Education and Professional Schools

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. PHYSICAL SCIENCE - CHEMISTRY

FALL SEMESTER

ENGL 1301 - Composition 1
MATH 2412 - Pre- Cal Math
CHEM 1411 - General Chemistry
PSYC 1300 - Learning Framework

SPRING SEMESTER

HIST 1301 - History 1
ENGL 1302 - Composition 2
MATH 2413 - Calculus 1
CHEM 1412 - General Chemistry 2

SUMMER (if applicable)

GOVT 2305 - Federal Government
SPCH 1315 - Public Speaking

FALL SEMESTER

HIST 1302 - History 2
CHEM 2423 - Organic Chemistry 1
*CA - Creative Arts Core
*SBS - Social & Behavioral Science Core

SPRING SEMESTER

GOVT 2306 - Texas Government
CHEM 2425 - Organic Chemistry 2
*LPC - Language, Philosophy, & Culture Core
PHYS 2425 - University Physics 1

B.S. CHEMISTRY

FALL SEMESTER

BIOL 1406 or GEOL 1403 - General Biology I or Geology I
MATH 2414 - Calculus II
CHEM 3131 - Inorganic Chemistry I Lab
CHEM 3331 - Inorganic Chemistry I
CHEM 4411 - Biochemistry I

SPRING SEMESTER

BIOL 1407 or GEOL 1404 - General Biology II or Geology II
PHYS 2426 - Univ Physics II
CHEM 4141 - Inorganic Chemistry II Lab
CHEM 4341 - Inorganic Chemistry II
MATH 2415 - Calculus III

SUMMER (if applicable)

CHEM 4X71 - Intro to Research
CHEM - Chemistry Elective

FALL SEMESTER

CHEM 4313 - Physical Chemistry I Lab
CHEM 4311 - Physical Chemistry I
CHEM 4381 - Chemical Communications
CHEM 3401 - Quantitative Analysis
CHEM 4411 - Biochemistry I

SPRING SEMESTER

CHEM 4132 - Physical Chemistry
CHEM 4312 - Physical Chemistry
CHEM 4461 - Instrumental Analysis
PHYS 3350 - Modern Physics
CHEM - Chemistry Elective

* Denotes core requirement. Speak with Department Chair or Academic Advisor for proper course selection.



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 Alvin Community College
2. Complete your application and transfer to Lamar University through ApplyTexas.org
3. Finish your Chemistry degree on campus



OFFICE OF ADMISSIONS & RECRUITMENT
LAMAR UNIVERSITY



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PLAN A VISIT TO CAMPUS (409) 880-8316

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