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

<table>
<thead>
<tr>
<th>SCHOLARSHIP</th>
<th>AMOUNT/YEAR</th>
<th>TRANSFERABLE GPA</th>
<th>RENEWABLE?</th>
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<tr>
<td>Transfer Academic Excellence Scholarship*</td>
<td>$2,000</td>
<td>3.5-4.0</td>
<td>YES</td>
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<tr>
<td>Phi Theta Kappa (PTK) Scholarship</td>
<td>$1,500</td>
<td>3.0-3.49</td>
<td>YES</td>
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<tr>
<td>$1,000</td>
<td>3.0-3.49</td>
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<td>YES</td>
</tr>
</tbody>
</table>

*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 I
- CHEM 1412 - General Chemistry 2

**SUMMER (if applicable)**
- GOVT 2305 - Federal Government
- SPCH 1315 - Public Speaking

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**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 2425 - University Physics I
- 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

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**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.

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**I’m ready to apply. What’s next?**

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

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**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

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**Office of Admissions & Recruitment**

Lamar University is an equal opportunity/affirmative action educational institution.

**PLAN A VISIT TO CAMPUS** (409) 880-8316

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