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 NAME</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>
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<td>PHI THETA KAPPA (PTK) SCHOLARSHIP</td>
<td>$1,500</td>
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<tr>
<td>$1,000</td>
<td>3.0-3.49</td>
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*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
HOW TO APPLY

I’m ready to apply. What’s next?
You’ve made a great choice!
Follow the steps below to becoming a Cardinal.

REQUIRED STEPS

1. Finish your degree at Lamar State College Orange
2. Complete your application and transfer to Lamar University through ApplyTexas.org
3. Finish your Chemistry degree on campus

A.S. NATURAL SCIENCE

FALL SEMESTER
ENGL 1301 - Composition 1
MATH 2412 - Pre-Cal Math
BIO 1306 - Biology for Sci Majors (Life & Phys Sci Elec)
Biology Lab
SPCH 1315 - Public Speaking (Comm Core Elective)
HIST 1301 - American History I

SPRING SEMESTER
ENGL 1302 - Composition 2
GOVT 2305 - Federal Government
BIOL 1307 - Biology for Sci Majors II (Life & Phys Sci Elec)
Biology Lab
HIST 1302 - American History II
Creative Arts Core Elective

REQUIRED STEPS

1. Finish your degree at Lamar State College Orange
2. Complete your application and transfer to Lamar University through ApplyTexas.org
3. Finish your Chemistry degree on campus

B.S. CHEMISTRY

FALL SEMESTER
CHEM 3311 & 3111
MATH 2414 - Calculus II
CHEM 3131 - Inorganic Chemistry I Lab
CHEM 3331 - Inorganic Chemistry I
CHEM 4411 - Biochemistry I

SPRING SEMESTER
CHEM 3312 & 3112
PHYS 2426 - Univ Physics II
CHEM 4141 - Inorganic Chemistry II Lab
CHEM 4341 - Inorganic Chemistry II
MATH 2415 - Calculus III

FALL SEMESTER
CHEM 4313 - Physical Chemistry I Lab
CHEM 4311 - Physical Chemistry I
CHEM 4381 - Chemical Communications
CHEM 3401 - Quantitative Analysis
CHEM - Chemistry Elective

SPRING SEMESTER
CHEM 4132 - Physical Chemistry II Lab
CHEM 4312 - Physical Chemistry II
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.