

CHEMISTRY

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“LACC is my home away from home and I consider the faculty, staff and students here family.”
—Harry
LACC Major: Chemistry
Transferred to UCLA

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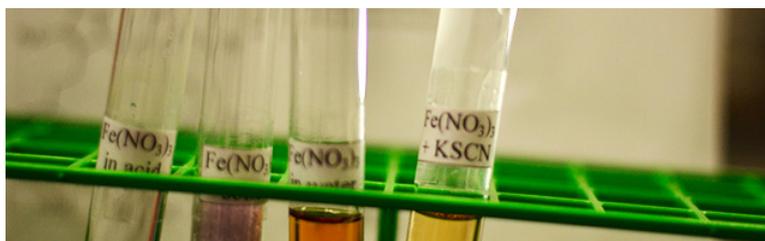
LACC CHEMISTRY/ EARTH SCIENCES

Department of Chemistry/Earth Sciences



ABOUT

LACC's **Department of Chemistry and Earth Sciences** strives to understand natural phenomena at the molecular level and connects physics and mathematics, and biology and medicine. We provide the rigorous coursework expected by four-year schools for transfer students, we conduct publishable research, and we mentor students in transitioning to science based careers. Our core values rest on preparing our students to thrive in difficult and challenging conditions, whether that is in their transfer target institutions or their future careers.



FACILITIES

Being primarily a chemistry-based department, we have many analytical instruments that we use not only in our teaching labs, but also in our ongoing chemical research.

- 60 MHz NMR machine
- High-end Gas Chromatography instrument
- Dedicated Organic, General, and Introductory Chemistry laboratories

SCHOLARSHIPS

The Chemistry and Earth Sciences Dept. has two scholarships that are presented to outstanding transfer students and freshman.

HIGHLIGHTS

Along with providing a highly rigorous curriculum, we conduct high level and publishable research. Currently we are working on silver clusters that bind beta-lactam (penicillin) based antibiotics. These clusters can eventually be used for targeted drug deliveries for not only bacterial infections but also tumor based diseases. Additionally, we are investigating copper hydride clusters as potential hydrogen storage cells for transportation, residential, and industrial markets.

CONTACT

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