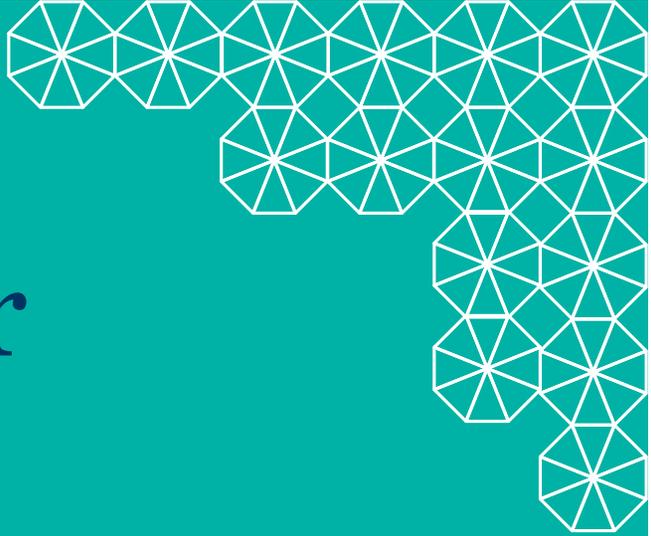




College of Chemistry Undergraduate Visiting Programs

Suzanne Sutton, MPH

Senior Assistant Dean for Business
Development and Operations



One-Year and Summer Programs

One-Year

- 3+1 Visiting Students

Summer Programs

- Atmospheric Chemistry Elite Scholars (ACES)



College of Chemistry

- Department of Chemistry
- Department of Chemical and Biomolecular Engineering
- 16 elements
- 15 Nobel laureates (Jennifer Doudna, 2020)
- 80 ladder rank faculty
- 516 graduate students
- 47 professional masters students



Rankings

- #1 Global Chemistry, US News and World Report
- #1 Global Public University, US News and World Report
- #2 Chemistry
- #2 Chemical Engineering



3+1 Visiting Students

- 3rd or 4th year undergraduate students
- Complete one year at UC Berkeley, onsite or remotely
- College of Chemistry student
- Two semesters, 27 units total
- Undergraduate research in faculty labs
- Accept up to 20 students per year



Application Process

- Initial selection by your campus
- Minimum 3.5 GPA and 90 TOEFL
- 500 word Statement of Purpose
- Transcript
- Interview for English proficiency
- One reference letter

Timeline

- February: Interviews and selection process
- March: Available courses sent
- April: Students indicate course preference
- May: Students submit decision
- June: Enroll via UNEX (Tuition is \$43,800)
- August: Classes start
- September: Class add/drop deadline



Coursework Examples

- Chem 178 Polymer science and technology
- Chem 114 Advanced synthetic organic chemistry
- Chem 105 Instrumental methods in analytical chemistry
- Chem 108 Inorganic synthesis and reactions

- ChemE 182 Nanoscience and engineering biotechnology
- ChemE 171 Transport Phenomena
- ChemE 160 Chemical Process Design



Student Life

- Students arrange own housing, if onsite
 - Craigslist
 - International House Dormitory
 - Informal Networks
- Peer Mentor Assigned to Students
 - College of Chemistry undergraduate
 - Airport transfer and getting settled
 - Class registration
 - Social activities
 - Study groups





Atmospheric Chemistry Elite Scholars (ACES)

- Atmospheric chemistry, data science, and public health
- 5-week, non-credit program
- Onsite and remote
- Lecture and experimental research
- July 12– August 13, 2021

Faculty

Professor Ron Cohen

- Director, Berkeley Atmospheric Science Center
- Professor of Chemistry and of Earth and Planetary Sciences
- BS Wesleyan, PhD UC Berkeley



Dr. Alexis Shusterman

- Lecturer of Chemistry
- BA Brown, PhD UC Berkeley



Application

- Undergraduate student majoring in a chemical, physical, or related science
- Successfully completed inorganic and physical chemistry
- 500 word statement of interest
- A minimum 3.0 GPA on a 4.0 scale
- One letter of reference
- A minimum 79 TOEFL, 6.5 IELTS, or 115 Duolingo for international students



Details

- July 12–August 13, 2021
- Tuition and fees \$9,750
- Covers all instruction, technology infrastructure and support, materials, data access, events, and swag
Certificate of completion
- Potential letter of reference



Resources

- UC Berkeley Admissions <http://grad.berkeley.edu/programs/list/>
- Department of Chemistry
<https://chemistry.berkeley.edu/grad/chem>
- Department of Chemical and Biomolecular Engineering
<https://chemistry.berkeley.edu/grad/cbe>
- ACES <https://chemistry.berkeley.edu/gold/aces>
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