INFORMATION
College of Chemistry
University of California, Berkeley
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Berkeley, CA 94720-1460

chemistry.berkeley.edu
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facebook.com/berkeleychemistry

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coc_relations@berkeley.edu

COLLEGE CONTACT INFO
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Department of Chemical & Biomolecular Engineering, 510.642.2291
Department of Chemistry, 510.643.0573
Undergraduate Academic Affairs, 510.643.1035

Undergraduate Admissions
admissions.berkeley.edu

Graduate Admissions
grad.berkeley.edu

COLLEGE LEADERSHIP
Dean
Douglas S. Clark

Executive Associate Dean
Richmond Sarpong

Chair, Department of Chemical & Biomolecular Engineering
Jeffrey A. Reimer

Chair, Department of Chemistry
Matthew B. Francis

Undergraduate Dean
John Arnold
UC BERKELEY COLLEGE OF CHEMISTRY

MISSION
The College of Chemistry advances society through education and research.
We honor that mission by educating students who become world class scientists, researchers, educators, and entrepreneurs.

DEPARTMENTS
The departments of Chemistry and Chemical and Biomolecular Engineering provide outstanding coursework and research opportunities to our undergraduates, graduates, and postdoctoral researchers.
Chemistry has consistently produced leaders in analytical, inorganic, organic, nuclear, physical and theoretical chemistry. We lead exploration at the frontiers of knowledge in the areas of biophysical, materials, and atmospheric chemistry, as well as the burgeoning fields of chemical biology and nanoscience.

Chemical and Biomolecular Engineering (CBE) houses premier research programs in molecular thermodynamics, heterogeneous catalysis, electrochemical engineering, biochemical engineering, and separation processes. CBE faculty are research pioneers in the growing fields of synthetic biology, nanotechnology, theoretical chemistry, and the development of polymeric, optical, and semiconductor materials.

STUDENT PROGRAMS

UNDERGRADUATE DEGREES
- Bachelor of Science in Chemistry
- Bachelor of Science in Chemical Engineering
- Bachelor of Science in Chemical Biology
- Bachelor of Arts in Chemistry
- Joint major in Chemical Engineering and Materials Science
- Joint major in Chemical Engineering and Nuclear Engineering

GRADUATE DEGREES
- Master of Science in Chemical Engineering
- Professional Masters in Bioprocess Engineering
- Professional Masters in Product Development
- Doctor of Philosophy in Chemistry
- Doctor of Philosophy in Chemical Engineering

POSTDOCTORAL APPOINTMENTS
Postdoctoral appointments are temporary, allowing individuals a unique opportunity to conduct advanced scientific research under the guidance of world class faculty.

ONLINE DEGREES
- Master of Molecular Science and Software Engineering

DEGREE INFORMATION
Information about all programs available at the College of Chemistry is online at: chemistry.berkeley.edu/academics

Source: Global US News and World Report
COLLEGE LIFE
The college complex is a small city unto itself — six research buildings operate 24 hours a day. Undergraduates hurry between teaching labs and classrooms. Grad students and postdocs drop in at the NMR, spectroscopy and crystallography facilities. Faculty members consult with their lab groups and monitor experiments. Nearby, college researchers have access to numerous specialized labs on campus and at the Lawrence Berkeley National Laboratory (LBL). Particle accelerators, high-energy X-ray light sources and more are a short distance away. Together with LBL, the U.S. Department of Energy and private sector partners, the college has helped create the world’s most advanced cluster of research centers on biofuels and artificial photosynthesis.

STARTUP CULTURE
UC Berkeley hosts a vibrant series of incubators and venture funds geared toward the University’s support of students and faculty in their efforts to start new companies. The Berkeley Catalyst Fund was started several years ago by College alumni to focus on early stage funding of startups in the College of Chemistry, across campus, and at the Berkeley Lab.

UNDERGRADUATE SUPPORT
- Undergraduate advisors provide expert and confidential academic guidance.
- Our career counseling program focuses on helping students with their post academic planning.
- Peer tutors provide coaching for chemistry and CBE courses in our Peer Tutoring Center.

FACULTY

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<tr>
<th>CHEMISTRY</th>
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<tbody>
<tr>
<td>Professors: 48</td>
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<tr>
<td>Associate Professors: 5</td>
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<tr>
<td>Assistant Professors: 7</td>
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<tr>
<td>Adjunct Professors: 0</td>
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<td>Lecturers: 4</td>
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<tr>
<th>CHEMICAL &amp; BIOMOLECULAR ENGINEERING</th>
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<td>Professors: 15</td>
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<td>Associate Professors: 3</td>
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<td>Adjunct Professors: 4</td>
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<td>Lecturers: 6</td>
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STUDENTS

ENROLLMENT BY MAJOR (Spring 2021)

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<th>CHEMISTRY</th>
<th>CHEM. E.</th>
<th>CHEM BIO.</th>
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<tbody>
<tr>
<td>Undergraduates: 215</td>
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<td>Graduates: 408</td>
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<td>Postdocs: 98</td>
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DEGREES AWARDED (Spring 2021)

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<th>CHEMISTRY</th>
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<tr>
<td>Bachelor of Science: 39</td>
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<tr>
<td>Bachelor of Arts: —</td>
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<td>Master of Science: 8</td>
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<td>Doctor of Philosophy: 53</td>
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MEDIAN UNDERGRADUATE SALARY (Spring 2020)

$75,000
THE COLLEGE'S NOBEL LAUREATES

FACULTY
1949  William F. Giauque (B.S. ’20, Ph.D. ’22)
1951  Glenn T. Seaborg (Ph.D. ’37)
1961  Melvin Calvin
1986  Yuan T. Lee (Ph.D. ’65)
2020  Jennifer A. Doudna

ALUMNI
1934  Harold C. Urey (Ph.D. ’23)
1960  Willard F. Libby (B.S. ’31, Ph.D. ’33)
1973  Geoffrey Wilkinson (Postdoc ’50)
1983  Henry Taube (B.S. ’35, Ph.D. ’40)
1989  Thomas Cech (Ph.D. ’75)
1995  Mario Molina (Ph.D. ’72)
1996  Robert F. Curl, Jr. (Ph.D. ’57)
1999  Ahmed Zewail (Postdoc ’74)
2002  Kurt Wüthrich (Postdoc ’67)
2018  Frances Arnold (Ph.D. ’85)

WHERE DO OUR GRADUATES GO?
Everywhere! Currently College alumni are working in over 50 countries around the world. They work at universities, national laboratories, corporations, government agencies, non-profit foundations, and exciting startups. They carry with them the deep scientific understanding and advanced skills needed to be leaders making change in the world.

PARTNERS WITH INDUSTRY
The College of Chemistry welcomes opportunities to collaborate with corporate partners. Today's forward-thinking companies invest in public education to ensure that our society continues to produce the talent of tomorrow. We gratefully acknowledge your donations.

WE NEED YOUR HELP
Private support is crucial to enable the College to fulfill its public mission. We are deeply grateful to all our donors for your ongoing philanthropy and thank you for your generosity allowing us to educate our remarkable students.

COLLEGE FUNDING PRIORITIES
• Capital projects and facility improvements
• Graduate fellowships
• Undergraduate student experience
• Diversity, equity, and inclusion

For giving information contact:
Laurent “Lo” de Janvry, Asst. Dean
College Relations and Development
ldejanvry@berkeley.edu | 510.643.9351

College leadership: (l to r) Richmond Sarpong, Exec. Assoc. Dean; Jeffrey Reimer, Chair CBE; Douglas Clark, Dean; Mathew Francis, Chair Chemistry; and John Arnold, Undergraduate Dean.