

Lecturer Pool - Molecular Science and Software  
Engineering (MSSE) - College of Chemistry  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=243682>

Downloaded On: Nov. 21, 2024 3:23pm

Posted Aug. 26, 2024, set to expire Dec. 23, 2024

<b>Job Title</b>	Lecturer Pool - Molecular Science and Software Engineering (MSSE) - College of Chemistry
<b>Department</b>	College of Chemistry
<b>Institution</b>	University of California Berkeley Berkeley, California
<b>Date Posted</b>	Aug. 26, 2024
<b>Application Deadline</b>	08/25/2025
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Lecturer/Instructor
<b>Academic Field(s)</b>	Computer/Information Sciences
<b>Apply Online Here</b>	<a href="https://apptrkr.com/5572596">https://apptrkr.com/5572596</a>
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<b>Job Description</b>	

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**Lecturer Pool - Molecular Science and Software Engineering (MSSE) - College of Chemistry**

### Position overview

**Position title:** Lecturer

**Salary range:** The UC academic salary scales set the minimum pay at appointment. See the following table for the current salary scale for this position: [https://www.ucop.edu/academic-personnel-programs/\\_files/2024-25/july-2024-scales/t15.pdf](https://www.ucop.edu/academic-personnel-programs/_files/2024-25/july-2024-scales/t15.pdf). The current full-time salary range for this position is \$68,247-\$192,040.

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**Percent time:** Variable

**Anticipated start:** Positions usually start in August and January.

**Review timeline:** Applications are typically reviewed for fall course needs in April and in September for spring course needs. Please note that the use of a lecturer pool does not guarantee that an open position exists. See the review date specified in AP Recruit to learn whether the College is currently reviewing applications for a specific position. If there is no future review date specified, your application may not be considered at this time.

**Application Window**

**Open date:** August 25, 2024

**Most recent review date:** Friday, Sep 20, 2024 at 11:59pm (Pacific Time)

Applications received after this date will be reviewed by the search committee if the position has not yet been filled.

**Final date:** Monday, Aug 25, 2025 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

**Position description**

The College of Chemistry at the University of California, Berkeley is generating an applicant pool of qualified lecturers to teach graduate courses on the Berkeley campus for the Master of Molecular Science and Software Engineering (MSSE) Program should an opening arise. We are seeking dynamic lecturers with a commitment to graduate education in computational science, data science, and software engineering to lead multiple courses each year. Disciplines where we are seeking instructors include:

- Computational Chemistry
- Computational Quantum Chemistry
- Scientific Computing
- Machine Learning/Deep Learning
- Complex mathematical modeling and simulations
- Leadership, management, and entrepreneurship

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The MSSE Program is a unique program that is designed to formally train scientists, engineers, and computer scientists in computational and data science, and to provide them with the tools, software engineering practices, leadership, management, and entrepreneurial skills needed to create or lead science- or engineering-based enterprises. While the degree focuses on the molecular sciences, its content is suitable for any student pursuing software engineering or data science roles in other science-based industries, or in other areas that require advanced machine learning, complex mathematical modeling and simulations, or high-performance computing.

**General Duties:**

Classroom teaching and preparation, managing and mentoring graders and/or graduate student instructors (teaching assistants), holding office hours, assigning grades, advising students, preparing course materials (e.g., syllabus), and using Cal's electronic resources for course management.

The College of Chemistry and the MSSE Program are interested in candidates who will contribute to diversity and equal opportunity in higher education through their teaching.

**Program:** <https://msse.berkeley.edu/>

**Contract for the Lecturers Unit (IX) between the University of California and the American Federation of Teachers:** <https://ucnet.universityofcalifornia.edu/labor/bargaining-units/ix/contract.html>

**Qualifications**

**Basic qualifications** (required at time of application)

Advanced degree or enrolled in an advanced degree program.

**Additional qualifications** (required at time of start)

Advanced degree.

**Preferred qualifications**

- A Ph.D., or equivalent international degree, in an area related to computational science, data science, and/or software engineering
- Prior teaching and/or work experience in computational science, data science, and/or software engineering
- Leadership, management, and entrepreneurial skills in STEM fields
- Existing authorization to work in the U.S.
- Proficient in C++ and Python programming languages

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## Application Requirements

### Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter (Optional)
- Statement of Teaching
- Statement on Contributions to Advancing Diversity, Equity, and Inclusion - Statement on your contributions to diversity, equity, and inclusion, including information about your understanding of these topics, your record of activities to date, and your specific plans and goals for advancing equity and inclusion if hired at Berkeley (for additional information go to <https://ofew.berkeley.edu/recruitment/contributions-diversity>).

### Reference requirements

- 3-5 required (contact information only)

Apply link: <https://aprecruit.berkeley.edu/JPF04559>

Help contact: [sbutcher@berkeley.edu](mailto:sbutcher@berkeley.edu)

### About UC Berkeley

UC Berkeley is committed to diversity, equity, inclusion, and belonging. The excellence of the institution requires an environment in which the diverse community of faculty, students, and staff are welcome and included. Successful candidates will demonstrate knowledge and skill related to ensuring equity and inclusion in the activities of their academic position (e.g., teaching, research, and service, as applicable).

The University of California, Berkeley is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status.

Please refer to the [University of California's Affirmative Action Policy](#) and the [University of California's Anti-Discrimination Policy](#).

In searches when letters of reference are required all letters will be treated as confidential per

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University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the [UC Berkeley statement of confidentiality](#) prior to submitting their letter.

As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

**Job location**

Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF04559>

**Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**

N/A

University of California Berkeley