



WE DEFINE THE *Future*

# BS Chemistry & MS Materials Science

## 5 year degree path

### College of Natural Sciences

The combined BS Chemistry-MS Materials Science degree is designed to integrate ACS-Certified Chemistry degree with a Masters in Material Science. By maximizing undergraduate electives that count toward the degree, the combined pathway allows students to earn both degrees in as little as five years. The program is partnered with our Center for Advanced Functional Materials, and will employ state of the art scientific equipment across both physics and chemistry departments, as well as the College of Natural Sciences.

### Coursework & Advising

Students will explore structure, function, reactions, and problem solving in and out of lab in both undergraduate and MS level courses. The MS program provides fundamental science of material structure and reactivity and include practical experience. Our Thesis Concentration culminates in laboratory research on a problem in materials science, with a written thesis and oral defense. Undergraduate students interested in this program will meet as early as their first term on campus with the Graduate Coordinator to make sure they are on track. After reaching junior status, students may apply to the MS program applied track.

### Careers

We anticipate our graduates will pursue careers in a variety of areas of chemistry and materials science industries and government labs, including in aerospace industries, surface and coatings companies, advanced material

### Apply Today

Visit our website for more information: <https://www.csusb.edu/ms-materials-science>. Visit the Graduate Studies website for the Cal State Apply application, processes and deadlines: [csusb.edu/graduate-studies/prospective-students](https://csusb.edu/graduate-studies/prospective-students).

### Office of Graduate Studies

College of Education 356  
(909) 537-5058  
[gradrecruitment@csusb.edu](mailto:gradrecruitment@csusb.edu)  
[csusb.edu/graduate-studies](https://csusb.edu/graduate-studies)

### Program Coordinator

Dr. Kimberley Cousins  
Chemical Sciences, Room 213  
(909) 537-5391  
[kcousins@csusb.edu](mailto:kcousins@csusb.edu)

### Program Length

148 semester units  
(5-year program)

### Faculty

Dr. Douglas Smith  
Chair, Department of  
Chemistry &  
Biochemistry

Dr. Kimberley Cousins  
MSCI Program Coordinator

Sara Callori  
Enrique Contreras  
Paul K. Dixon  
Youngmin Kim  
Joyce Pham  
Renwu "John" Zhang

