The Department of Chemical Engineering and Materials Science is home to two, top 20 ranked graduate programs in Chemical Engineering and Materials Science and Engineering. We offer a unique environment for graduate studies, we are large enough to boast world-renowned faculty and state-of-the-art research facilities, yet small enough to give every graduate student personal attention.

Davis is a small, bike-friendly university city located 12 miles west of Sacramento, 75 miles northeast of San Francisco, and within easy driving distance of attractions such as Yosemite, Lake Tahoe, Napa Valley, and the San Francisco Bay Area.

Two top 20 ranked graduate programs in one department.

(33 FACULTY ● 30 POST DOCTORAL SCHOLARS ● 500 UNDERGRADUATES ● 120 GRADUATE STUDENTS)

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FINANCIAL SUPPORT

Doctoral students are typically offered competitive 4-year financial offers of fellowships and research/teaching assistantships which include tuition, fees, and a stipend. Financial offers are subject to satisfactory progress towards completion of degree requirements.

Financial support is not guaranteed for Master’s students.

complete information on our website  www.chms.engineering.ucdavis.edu
RESEARCH AREAS

Chemical Engineering {process systems fundamentals & applications}
Biochemistry, biomaterials, biotechnology, biomedical engineering, catalysis, colloids and surface science, electrochemical properties and devices, fluid mechanics and rheology, green engineering and design, interfaces, mathematical modeling, molecular modeling, nanotechnology, polymers, reaction engineering, renewable energy, thermochemistry, thin films, and transport phenomena.

Materials Science {advanced materials synthesis, processing, and characterization}
Biomaterials, catalysts, ceramics, electronic and electrochemical properties and devices, glasses, green engineering and design, interfaces, magnetic materials and devices, materials microstructure and/or processing, mathematical modeling, mechanical properties and synthesis, metals, microscopy, molecular modeling, nanomaterials, optical properties and devices, polymers, renewable energy, sintering, structural materials, thermochemistry, and thin films.

Ph.D. Designated Emphases are available as specializations in Biotechnology, Biophotonics, and Nuclear Science for doctoral students to tailor their research and coursework if desired.

www.chms.engineering.ucdavis.edu

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