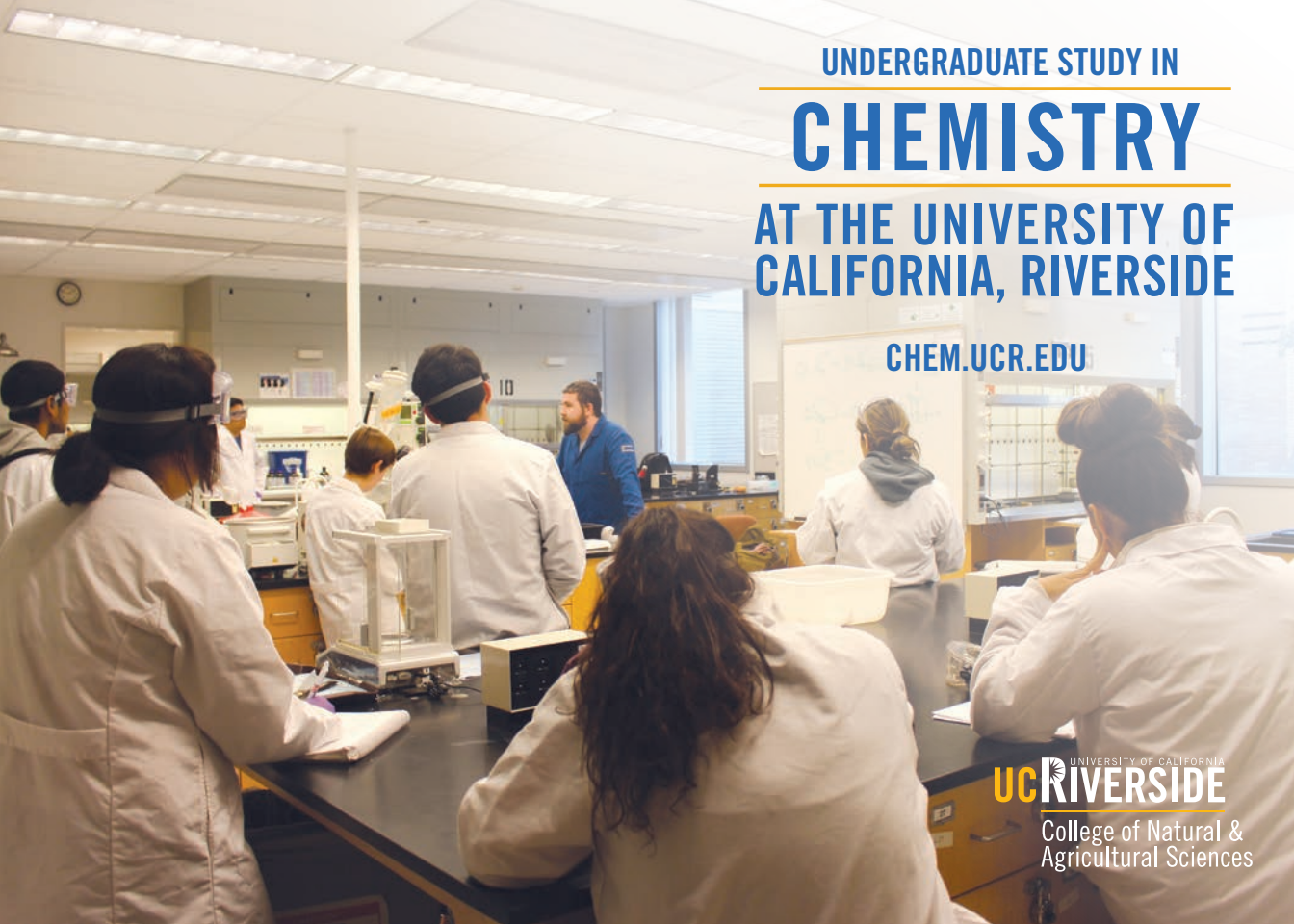

UNDERGRADUATE STUDY IN

CHEMISTRY

AT THE UNIVERSITY OF CALIFORNIA, RIVERSIDE

CHEM.UCR.EDU

UNIVERSITY OF CALIFORNIA
UC RIVERSIDE
College of Natural & Agricultural Sciences

DIVERSE SCIENCE
EDUCATION FOR THE FUTURE

- Chemistry, the "Central Science," involves the study of matter and its changes at the molecular level. It is divided into analytical, environmental, inorganic, materials, organic, and physical subdisciplines.

- A degree in chemistry provides excellent preparation for a career in chemistry and related fields. The chemistry major provides a strong background in quantitative analysis and experimental science that is a prerequisite for pre-professional students aiming for graduate, medical, or allied health professional schools.

- The chemistry major provides unique opportunities for undergraduates to engage in research as early as their freshman year. Students can gain valuable experience as they work side by side with faculty and graduate students on exciting projects that involve drug development, pollution control, solar energy, and nanoscience.

- UCR's Undergraduate Chemistry Club meets regularly for social activities, field trips, networking, and outreach.

DEGREES

The Chemistry Department offers B.S. degrees in:

- Chemistry
- Chemistry and Chemical Physics
- Chemistry and Environmental Chemistry

All degrees in the chemistry department are certified by the American Chemical Society. The department also offers a B.A. degree, which meets the requirements for such areas as pre-medical, pre-dental or pre-pharmaceutical science and education.

CAREERS

A Chemistry degree paves the way for graduate school in any field that involves molecular science (chemistry, engineering, biology) as well as for medical, dental, or pharmacy school. A degree in chemistry can lead to career paths

in the petrochemical, pharmaceutical, food/beverage, semiconductor and biotech industries, among others. There are also many opportunities for chemists in the public sector, focusing on air and water quality, forensics, and drug analysis. Many chemists end up working outside the laboratory in sales, science writing, teaching, management, and patent law.

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