

UCR COSMETIC CHEMISTRY PROGRAM

UNIVERSITY OF CALIFORNIA, RIVERSIDE

www.extension.ucr.edu/certificates/cosmeticchemistry

PRODUCT/SERVICE BACKGROUND INFORMATION

The UC Riverside Professional & Global Education Cosmetic Chemistry Certificate is a 12-month hybrid cohort program endorsed by CALI SCC that launches every January. Taught by industry professionals and developed with UCR's Department of Chemistry, it combines online theory with hands-on weekend labs at UCR's campus. Designed for R&D decision-makers, chemists, and entrepreneurs, this 13-unit program delivers advanced training in raw materials, formulation science, regulatory compliance, and bench-scale product prototyping, offering an unmatched workforce development pipeline for personal care teams.

WHAT IS THE COMPANY INTRODUCING TO THE MARKET/INDUSTRY?

UCR is introducing the West Coast's only lab-based Cosmetic Chemistry Certificate taught by veteran industry practitioners. Launching each January annually, this 12-month hybrid cohort follows a 4-course sequence: Introduction to Cosmetic Science, Skin and Hair Biology, Emulsion & Surfactant Technology, and Product Development with an Independent Project. Industry leaders and scientists work with professional equipment and commercial raw materials to translate chemical theory into market-ready formulations, culminating in an original bench-scale product prototype.

HOW WILL THIS NEW PRODUCT/SERVICE IMPACT THE INDUSTRY (BENEFITS)?

This program provides cosmetic industry decision-makers and scientists with an innovative educational solution to upskill teams and accelerate R&D. Taught by industry veterans, the curriculum delivers immediate ROI by training talent in ingredient interactions, safety testing, and global regulatory compliance. With new cohorts launching every January, organizations gain a structured pathway to elevate technical capabilities. By pairing flexible online learning with intensive weekend labs, participants master formulation troubleshooting and bring innovative products to market faster.