



University Extension
Professional Studies

TAKE A SCIENCE-FIRST APPROACH TO COSMETICS

Professional Certificate in Cosmetic Chemistry



Have you ever dreamed of merging your science skills with the cosmetic and beauty industry to create and test products to meet the demands of beauty product users? Our Professional Certificate in Cosmetic Chemistry is the perfect solution — learn all the science and safety protocols you need for a successful career in the science of cosmetics.

Offered in collaboration with the UCR chemistry department and endorsed by the California Society of Cosmetic Chemistry, this program helps you develop the skills you need to launch or advance your career as a Cosmetic Scientist and make your mark on today's world of beauty. Through hands-on lab work, you will explore the full realm of cosmetic science with an overview of industry infrastructure and regulations, ingredient names and origins, and raw material categories. Learn about the essential cosmetic chemist's toolkit for skin and hair development, and how products are tested. Jump into product development and discover the fundamentals of emulsion and surfactant technologies with strategies to ensure a marketable product. Finish by creating your very own product and building out the testing requirements for marketing claims, outlining a path to full-scale development, and generating an original prototype.

WHAT YOU'LL LEARN

How to formulate from a science-first approach

Ways to independently move from project conception to final formulation

Methods to understand the global cosmetic regulation landscape

How to improve trouble-shooting and critical thinking skills



TOTAL UNITS
13



TUITION
\$8,625



COMPLETION TIME
12 months



FORMAT
Hybrid



CONNECT WITH AN ADVISOR
extension.ucr.edu/advisors

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BENEFITS OF EARNING A CERTIFICATE

There are several reasons why, Bachelor's degree in hand, you might be considering continuing your studies. An upgraded education section on your resume can open the door to a new career, or, if you're already working, lead to a promotion and a higher salary. While you're working, going back to school is an excellent way to stay current in rapidly changing fields, or, if you've been away from the workforce for a while, to quickly get caught up in the latest trends, concepts, and advances.

While there are as many paths to follow, as there are reasons to follow them when approaching continuing education, there is enormous value in terms of time, financial investment, and personal flexibility while gaining practical training from working professionals in your industry that extends beyond the theory of the classroom and into the real world.

KEY BENEFITS INCLUDE:

- UC quality curriculum
- Professional endorsements
- Schedule flexibility
- Variety of courses and programs
- Instruction from professional leaders in the industry

PAY AS YOU GO



Pay per individual course
as you register.

COURSE TUITION RANGE

\$1,300-\$2,650

*Learn more about [tuition assistance](#).

CAREER INFORMATION



IN-DEMAND FIELD

Jobs are projected to grow at a rate of 6% over the next 5 years.



STRONG EARNING POTENTIAL

Median Salary **\$81,810**



VARIETY OF JOBS TO CHOOSE FROM

- Chemical Lab Scientist
- Chemist
- Product Development Chemist
- QC Chemist
- R&D Chemist
- Scientist



SKILLS FOR SUCCESS

- Deductive & Inductive Reasoning
- Oral Expression & Comprehension
- Problem Solving



REALITY CHECK. WHAT YOU WILL DO ON THE JOB.

- Develop new or advanced products or production methods.
- Analyze chemical compounds or substances.
- Establish standards for products, processes, or procedures.
- Maintain laboratory or technical equipment.
- Prepare compounds or solutions for products or testing.

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STUDY PLAN

Courses must be completed in the sequence below. Application and official transcripts required for program entry.

Prerequisites: At least two years of postsecondary chemistry or biology coursework, a foundational understanding of chemistry, and a background in science.

Required Courses		
QUARTER		UNITS
1	Introduction to Cosmetic Science (CHEM X440)	2
2	Skin and Hair Biology (CHEM X441)	4
3	Emulsion and Surfactant Technology (CHEM X442)	4
4	Product Development with an Independent Project (CHEM X443)	3

ARE YOU READY FOR YOUR NEXT STEP?

Schedule an appointment with an **Advisor** to get started. extension.ucr.edu/advisors



*For a full list of policies and procedures, check our [website](http://extension.ucr.edu).