

## THE SCIENCE AND BUSINESS BEHIND COSMETICS

As part of the UC James L. Winkle College of Pharmacy, the Cosmetic Science program teaches students how to appropriately use raw materials to make new products and then develop, formulate, and assess the performance, safety, and quality of the products for human use. In addition, students in this program learn how safe, effective, and environmentally friendly products are scientifically formulated.

### PROGRAM OFFERINGS

- **100% ONLINE**, no campus visits required
- **WORLD-CLASS FACULTY** with real-world experience and extensive academic expertise
- **OPTION** for a concentrated, one-week, hands-on laboratory formulation session on campus
- **PART-TIME FLEXIBILITY** — balance school, work, and life responsibilities
- **TRANSFORMATIVE CURRICULUM** — apply lessons learned immediately in the field



At the University of Cincinnati, our approach is scientific. It's for thinkers and doers. For inventors and explorers. For professionals ready to make an impact in one of the fastest-growing and increasingly science-driven fields. And it's delivered by world-renowned faculty, 100% online.

### SCAN FOR MORE INFORMATION



[ONLINE.UC.EDU/COSMETIC-SCIENCE](https://online.uc.edu/cosmetic-science)

### ONLINE ENROLLMENT SERVICES

(833) 556-8611  
[onlineenrollment@uc.edu](mailto:onlineenrollment@uc.edu)

### PROGRAM DIRECTOR

K.P. Ananth, Ph.D.  
Professor and Director  
of Cosmetic Science Programs  
[Ananthky@uc.edu](mailto:Ananthky@uc.edu)  
(513) 558-5856

### UNIVERSITY OF CINCINNATI JAMES L. WINKLE COLLEGE OF PHARMACY

3255 Eden Avenue  
Cincinnati, OH 45267

University of  
**CINCINNATI** | ONLINE

# COSMETIC SCIENCE

Master of Science  
Graduate Certificates

EARN YOUR  
DEGREE FROM  
A PROGRAM  
WITH 50  
YEARS OF  
COSMETICS  
INNOVATION.



[ONLINE.UC.EDU](https://online.uc.edu)

## PROGRAM OPTIONS

- Master of Science in Cosmetic Science (30 credit hours)
- Graduate Certificate in Cosmetic Science (12 credit hours)
- Graduate Certificate in Hygienic Manufacturing (13 credit hours)

Faculty deliver virtual course content while allowing students to access information at their convenience online. Students can also network and engage in discussion groups with their colleagues in the field.

## AVAILABLE COURSE TOPICS

- Skin Care and Hair Care Science
- Color Cosmetics
- Basic Pharmacology of OTC Drugs & Cosmetic Actives
- Formulation Science, including colloid, surface, & polymer science
- Advanced Pharmaceuticals
- Formulation Tech: skin, hair, oral care products; OTC topical drug products; color cosmetics
- Clinical & Instrumental methods
- Cosmetic Regulations
- Cosmetic Microbiology
- Safety Assessment of Cosmetic Products
- Consumer Understanding
- Statistical Data Analysis
- Fragrance Science
- Hygienic Manufacturing

## PERMANENT FACULTY

- K.P. Ananth, Ph.D. Prof. & Director of Cosmetic Science Programs, Ex Unilever, Surfactants, Colloids, Skin
- Jianfei Jeff Guo, Ph.D., Prof of Pharmaceutics, Biostatistics
- Greg Hillebrand, PhD, Assoc. Prof of Biochemistry and Cos Sci, Ex. P&G and Amway, Skin Biology, Clinical methods, Skin microbiome
- Gerald Kasting, Ph.D. Prof of Pharmaceutics & Cos Sci, Ex P&G, Transdermal delivery
- Gary Kelm, Ph.D. Adj. Prof. Ex P&G, Cosmetic and OTC Drug Formulations
- Harshita Kumari, Ph.D. Assoc. Prof of Pharmaceutics & Cos Sci, Nanoscience, rheology
- Kevin Li Ph.D. Assoc. Prof, Ocular delivery, dermal delivery
- Randall Wickett, Ph.D. Prof Emeritus, Ex P&G and SCJ, Skin and hair science
- Yuhang Zhang, Ph.D. Assoc. Prof of Pharmaceutics & Cos Sci, Molecular biology of skin

Our faculty have both industrial experience and deep academic expertise, which significantly adds to the training capabilities and strength of the program.

## ADMISSION REQUIREMENTS

- Must have completed an undergraduate degree from an accredited institution
- Have at least one semester of undergraduate coursework in organic chemistry and calculus
- Minimum 3.0 GPA (*provisional admission to Graduate Certificate may be considered if less than 3.0 GPA*)

## ENROLL ANY TIME

Applications accepted year-round.

## APPLICATION DEADLINES

**FALL SEMESTER:** August 1  
**SPRING SEMESTER:** December 1  
**SUMMER SEMESTER:** April 1

## APPLY NOW

**GRAD.UC.EDU/ADMISSIONS**

