

## The Online MS in Cosmetic Science at the University of Cincinnati

### General Information

#### Overview

The University of Cincinnati is offering our nationally acclaimed Master of Science in Pharmaceutical Science with emphasis in Cosmetic Science on-line. Lectures are offered asynchronously over the internet to accommodate the work and travel schedules of those who wish to take courses without distracting from their current employment.

Students may take classes without formal acceptance into the degree program. It is recommended that not more than six credits be taken prior to matriculation into the program.

Graduation will ultimately require completing 45 graduate credits including a capstone project. A research thesis is not required. Most students will be required to visit Cincinnati twice during the program, once for a seminar course and laboratory work and secondly for presentation and defense of the capstone project.

Sufficient courses will be offered each quarter so that the program may be completed in approximately two years from matriculation if a student takes 2 classes per quarter. We realize the many students will not be able to complete the program at this rate but will expect students to complete the program within 5 years of matriculation unless there are extenuating circumstances.

Entry requirements for matriculated students are identical to those for entry into the on-campus MS program. Students who do not have the required 3.0 grade point average from their undergraduate degree may be considered for provisional admission on a case by case basis.

Non-Ohio residents will have to pay out of state graduate tuition. Tuition information can be found at the University of Cincinnati Web Site

<http://www.uc.edu/>

## **Course Listings with Credits**

### **-----Cosmetic Science Courses**

Skin Care Science 3 R

Clinical and Instrumental Testing of Skin Care Products 3 R

Cosmetic Science II Surfactants & Emulsion Formulation 3 R

Cosmetic Microbiology 3 R

Cosmetic Science III (Cosmetic Formulations) 3 R

Molecular Biology of the Skin 3 E

Hair Care Science 3 R

Color Cosmetics 2 R

Sunscreens, Melanogenesis and Phototoxicity 2 R

Color Cosmetics Laboratory 1 E

Cosmetic Science Laboratory 3 E

Capstone Project 6 R

### **---General Pharmaceutical Science Classes (Electives)**

Advanced Pharmaceutics I, solutions, polymers and colloids 4 E

Statistical Methods I 3 R\*\*

Statistical Method II 3 E

Therapeutics of Skin and Mucous Membranes 3 E

Pharmacology Basics 3 E

Clinical Trials Human Subjects Protection 3 E

Pharmaceutical Project Management 3 E

Seminar 1 R

R = required course, E = elective 45 total credits are required.

\*\*there is a statistics requirement that could be met by any 3 credit graduate stats or biostats course.

Capstone Project: Students will be asked to prepare a critical review article on a subject of important to the Cosmetic Industry or Dermatological Science. Students will be encouraged to pick topics where some controversy exists and to present and defend a point of view in a written article and an oral presentation. The final review paper is expected to be approximately 25 pages in length thorough references to primary literature in cosmetic or dermatological sciences.

\* Courses and course sequence are subject to change based on availability and programmatic evaluation but sufficient offerings will be provided to allow timely graduation.

Time to Degree

Completion of all the courses at their first offering in will allow a student to complete the program in approximately 2 years.

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