

# BIOLOGY - COSMETIC SCIENCE

Cosmetic Science is not only the study of how cosmetics are developed, but also their effects on parts of the human body, including areas like hair and skin. At Alverno, you will work side-by-side with professors to gain a strong background in biology as well as the specific scientific knowledge and skills in developing, formulating and producing cosmetics and how these products exist alongside human cells.

In this interdisciplinary major, you also will learn about the role cosmetics plays with melanin and the sun's ultraviolet radiation, the environmental impact of cosmetics and the science of aging.



## The Alverno Edge

Alverno is known for its unique abilities-based curriculum. You'll strive to achieve your personal best, practicing hands-on skills you need to be a strong communicator, leader, critical thinker and problem-solver. At Alverno, you'll practice presenting your work in every course, so you'll be polished and able to speak well on your feet once you're at a job interview or sharing your research finding with colleagues.

## The support you need to succeed

With 25 or fewer students in any of your classes, you'll get personal attention from professors dedicated to your success. You can even call them by their first names. You'll find a welcoming space for you to express your ideas through thought-provoking discussions and group projects.

## Make an impact

Women are often underrepresented in biology. Are you ready the change that? Our curriculum is specifically designed to help you build confidence as a female leaders in a male-dominated field.

## Get involved

Looking for more experiences to bolster your resume? Join one of Alverno's dozens of student organizations to practice you leadership skills and connect with other students. You can put your science skills to use (while getting paid) as a lab assistant, a tutor in the Daniel M. Soref Science and Mathematics Resource Center or a mentor to high school students through Alverno's Girls' Academy of Science & Mathematics. You might also participate in faculty-student research through the Center for Academic Excellence or travel to professional conferences.

## WHERE CAN A COSMETIC SCIENCE DEGREE TAKE YOU...

REGULATORY AFFAIRS  
SPECIALIST

CONSUMER SAFETY OFFICER

FORMULATION  
CHEMIST

COSMETIC LAB  
TECHNICIAN

RESEARCH  
SCIENTIST

COSMETIC SALES  
OR MARKETING  
SPECIALIST

## SAMPLE CURRICULUM

### FRESHMAN YEAR

Communication Seminar  
Mathematical Connections  
Life Span Development  
Introduction to Social Science  
Quantitative Literacy

### SOPHOMORE YEAR

Botany/Zoology/Natural History  
Human Anatomy and Physiology  
Microbiology  
Introduction to Biochemistry  
Organic Chemistry  
Physics  
Statistics

### JUNIOR YEAR

Biological Principles of Cosmetic  
Science 1 & 2  
Genetics  
Cellular Biology  
Physiological Mechanisms of Disease  
Internship Seminar

### SENIOR YEAR

Senior Science Seminar  
Biology Electives

## Internships

An internship enhances everything learned in class, giving you the hands-on experience of a working professional. Plus, you'll make important career connections with local professionals. With more than 2,000 worksite partnerships, Alverno interns are in high demand and stand out among their peers.

### What's the benefit of face-time with faculty?

Not only are you learning directly from professors who have the highest degree in their field, but you're also gaining experience and confidence interacting with industry professionals. Alverno's Science Department maintains close relationships with highly regarded institutions, including the Medical College of Wisconsin and the Georgia Institute of Technology, giving you ample opportunities for professional networking.

### GET IN TOUCH!

Have questions about Cosmetic Science at Alverno?  
We invite you to connect with faculty to learn more.



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