

BIOLOGY; COSMETIC SCIENCE (BICS) MAJOR

The Bachelor of Science in biology with cosmetic science specialization is designed for a diverse group of students from future cosmetic laboratory technicians to students interested in medical or pharmacy school. The degree is also suitable for students entering directly into the work force after graduation with numerous opportunities in the cosmetic industry from sales to research and development. The degree will give students a strong background in human anatomy, physiology, microbiology, human diseases, and biological principles of cosmetic science. Students will develop scientific research skills that enable them to objectively apply these abilities to the discipline and their community.

Requirements

Code	Title	Credits
Math/Physics Courses		
MT-123 or MT-148 or MT-152	College Algebra Functions & Modeling Calculus 1	3-4
MT-124	Trigonometry	2
MT-256	Probability and Statistics	4
PH-231 & 231L or PH-241 & 241L	Algebra-Based Physics I and Physics Lab Calculus-Based Physics 1 and Physics Lab	4
Science Courses		
BI-221 or BI-222 & 222L or BI-223	Biology of Plants Biology of Animals and Biology of Animals Lab	4
BI-251 & 251L	Microbiology and Microbiology Lab	4
BI-233 & 233L	Human Anatomy & Physiology 1 and Human Anatomy & Physiology 1 Lab	4
BI-306	BI Prin on Cosmetic Science 1	3
BI-325 & 325L	Cellular Biology and Cellular Biology Lab	4
BI-338	Pathophysiology	4
BI-356 & 356L	and	4
BI-361 & 361L	Genetics Lecture and Genetics Lab	4
BI-374	BI Assessment in Effective Citizenship	1
BI-399	Formal Introduction to Advanced Work	0
BI-491	Senior Environmental Seminar	3
CH-213 & 213L	Chemistry of Bioorganic Molecules and Chemistry of Bioorganic Molecules Lab	4
Additional Requirements		
INTERN-383	Internship Seminar	2