

Biology, Geology and Environmental Sciences

B.S. in Biology: Pre-Chiropractic Medicine Concentration

Program Description

The Pre-Chiropractic Medicine concentration of the Bachelor of Science in Biology prepares students for the advanced training offered by professional chiropractic schools. Students are advised to tailor their curriculum to those courses that will best prepare them for professional schools. Almost all courses include a laboratory component where students gain experience using various scientific instruments, study the practical application of scientific theories and apply course content.

Delivery Mode

Traditional

Articulated Agreements

Our department has articulated agreements with chiropractic colleges (e.g., Logan University College of Chiropractic, New York Chiropractic, Palmer Chiropractic) to facilitate students' transition post-graduation.

Curriculum

The following eight-semester schedule of courses provides a recommended framework for completing this program of study in four years.

Course	Credits
Freshman Year	
First Semester	15
BIO 120 General Zoology	4
CHE 101 General Chemistry I	4
ENG 101 English Composition I	3
UNI 100 First-Year Seminar	1
General Education Course	3
Second Semester	17
BIO 125 General Botany	4
CHE 102 General Chemistry II	4
ENG 102 English Composition II	3
MAT 273 Applied Calculus OR MAT 281 Calculus I	3
General Education Course	3
Sophomore Year	
Third Semester	14
BIO 215 Introduction to Cellular and Molecular Biology	4
PHY 121 General Physics I	4

Biology, Geology and Environmental Sciences

Course	Credits
Free Elective	3
General Education EMA	3
Fourth Semester	15
BIO 318 Genetics	4
CHE 331 Organic Chemistry I	4
PHY 122 General Physics II	4
General Education Course	3
Junior Year	
Fifth Semester	15
BIO 306 Human Anatomy	4
BIO 326 General Microbiology	4
CHE 341 Organic Chemistry II (lecture)	3
CHE 342 Organic Chemistry II (lab)	1
General Education Course	3
Sixth Semester	15
BIO 328 Human Physiology	4
BIO 480 Cell Biology	4
Related Elective	4
General Education Course	3
Senior Year	
Seventh Semester	15
Related Electives	8
CHE 415 Biochemistry	4
General Education Course	3
Eighth Semester	14

Biology, Geology and Environmental Sciences

Course	Credits
Free Elective	4
General Education Courses	6
Free Elective	4
Total	120

Related Electives (16 credits)

- BIO or ENS 300- or 400-level courses and CHE 415

Program Webpage

<https://www.calu.edu/academics/undergraduate/bachelors/biology/pre-professional/>