

Bachelor of Arts: Biology - Biomedical Emphasis

Possible Plan of Study (4-year plan appropriate for many situations)

Year 1 - Freshman Year		Year 1 - Freshman Year	
BIOL 2051 Gen Bio: Organismal Diversity (or 2052)	4	BIOL 2052 Gen Bio: Cell Structure & Function (or 2051)	4
CHEM 1110 General Chemistry I* (or CHEM 1130 Chemistry I-II)	4	CHEM 1120 General Chemistry II	4
MATH 1140 - Precalculus (or other major math course)*	4	Liberal Arts Core	3
Liberal Arts Core	3	Liberal Arts Core (suggest 5B - PSYCH 1001 Intro to Psychology)	3
*Based on ALEKS Score			
TOTAL HOURS = 15		TOTAL HOURS = 14	

Year 2 - Sophomore Year		Year 2 - Sophomore Year	
BIOL 3140 Genetics (or 3100)	4	BIOL 3100 Evolution, Ecology & Nature of Science (or 3140)	3
CHEM 2210 Organic Chemistry I	3	CHEM 2220 Organic Chemistry II	3
Liberal Arts Core (suggest 5A - SOC 1000 Intro to Sociology)	3	CHEM 2230 Organic Chemistry Lab	2
Liberal Arts Core	3	Liberal Arts Core	3
Liberal Arts Core	3	Liberal Arts Core	3
TOTAL HOURS = 16		TOTAL HOURS = 14	

Year 3 - Junior Year		Year 3 - Junior Year	
BIOL 3101 Anatomy & Physiology I (or BIOL 3106 Vertebrate Anatomy)	4	BIOL 3102 Anatomy and Physiology II	4
PHYSICS 1511 General Physics I	4	PHYSICS 1512 General Physics II	4
Liberal Arts Core	3	Liberal Arts Core	2
Liberal Arts Core	3	University Electives	6
TOTAL HOURS = 14		TOTAL HOURS = 16	

Year 4 - Senior Year		Year 4 - Senior Year	
Biomedical Emphasis Elective (3000- or 4000-level)	3	Biomedical Emphasis Elective (4000-level)	4
Biomedical Emphasis Elective (4000-level)	3	Liberal Arts Core (Capstone)	3
Liberal Arts Core	3	University Electives	9
University Electives	6		
TOTAL HOURS = 15		TOTAL HOURS = 16	

GRAND TOTAL HOURS = 120

1. This is a tentative long-term plan that is not meant to replace your official advisement requirements report found on myUNiverse.
2. UNI biology majors must have a UNI cumulative and a UNI major GPA of 2.0 or higher, with a grade of C- (1.67) or higher in major courses.
3. University Policies & Procedures can be found online: www.uni.edu/catalog
4. After earning 85+ credits, contact the Biology Record Analyst to discuss graduation.
5. It is highly recommended that students on this track obtain scientific research experience. Students are encouraged to actively discuss research opportunities with faculty.
6. **Bold** courses are required for the major. *Italicized* courses are recommended for a variety of biomedical fields.