

MARIAN UNIVERSITY

Indianapolis®

B.S. in Biology: Concentration in Health Sciences Pre-Medicine Program Sample Four-Year Plan

Freshman Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
General Education	FYS 110	3		Major	BIO 203+*	4	C
Major/Gen. Ed.	BIO 202	4	C	Major	CHE 152+*	4	
Major	CHE 151+*	4		Major	MAT 215+*	3	
General Education	Foreign Language	4		General Education	ENG 112+*	3	
				General Education	COM 101	3	
Semester Hours	15			Semester Hours	17		
Cumulative Hours	15			Cumulative Hours	32		
Sophomore Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major	BIO 204+*	4	C	Major	BIO 205+*	4	C
Major	BIO 291	1	C	Major	CHE 306+*	4	
Major	CHE 305+*	4		Major	PHY 111+*	4	
Major	PH Y110+*	4		General Education	THL 105	3	
General Education	PSY/SOC+*	3					
Semester Hours	16			Semester Hours	16		
Cumulative Hours	48			Cumulative Hours	64		
Junior Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major: Conc HS	BIO 311+*	4	C	Major: Conc HS	BIO 312*	4	C
Major: Conc HS	BIO 334+*	5	C	Major: Conc HS	BIO ELE*	4	C
Major	BIO 360	3	C	General Education	HUM 210*	3	
General Education	PHL 130*	3		Minor/Elective/GDC		3	
Minor/Elective/GDC		3		Minor/Elective/GDC		3	
Semester Hours	16			Semester Hours	18		
Cumulative Hours	80			Cumulative Hours	96		
Senior Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major	BIO 490	1	C	Major	Elective	4	C
Major	BIO 491	1	C	General Education	ECN/HIS/POL	3	
Major	BIO 460	4	C	General Education	Second THL	3	
Minor/Elective/GDC	Elective	4	C	Minor/Elective/GDC		3	
Minor/Elective/GDC		3		Minor/Elective/GDC		3	
Minor/Elective/GDC		3					
Semester Hours	16			Semester Hours	16		
Cumulative Hours	112			Cumulative Hours	128		

†Pre-Medicine Pre-requisite coursework required by majority of MD and DO programs

*Coursework in Preparation of Medical College Admissions Test: Keep in mind that the [MCAT](#) covers a large range of content and skills from commonly required courses, these courses are included in the program of study whether or not they are medical school pre-requisites. You may also be interested in the [Early Acceptance and Guaranteed Interview Tracks](#) to [Marian University's College of Osteopathic Medicine](#).

*A minimum 2.0 cumulative GPA and a minimum 2.0 major GPA are required for graduation, so monitor your GPA closely. To meet degree requirements, some disciplines require higher grades in each course or a higher cumulative GPA.

This four-year plan is only a sample and will vary by student and course availability.