

# MARIAN UNIVERSITY

Indianapolis®

## B.S. in Biology: Concentration in Health Sciences Pre-Anesthesiology Assistant 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	B-
Major/Gen. Ed.	BIO 202	4	C	Major	CHE 152†*	4	B-
Major	CHE 151†*	4	B-	Major	MAT 215†*	3	B-
General Education	Foreign Language	4		General Education	ENG 112†*	3	B-
				General Education	COM 101	3	
<b>Semester Hours</b>	<b>15</b>			<b>Semester Hours</b>	<b>17</b>		
<b>Cumulative Hours</b>	<b>15</b>			<b>Cumulative Hours</b>	<b>32</b>		
Sophomore Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major	BIO 204*	4	B-	Major	BIO 205†*	4	B-
Major	CHE 305†*	4	B-	Major	BIO 291	1	C
Major	PHY 110†*	4	B-	Major	CHE 306†*	4	B-
General Education	PSY/SOC*	3		Major	PHY 111†*	4	B-
				General Education	THL 105	3	
<b>Semester Hours</b>	<b>15</b>			<b>Semester Hours</b>	<b>16</b>		
<b>Cumulative Hours</b>	<b>47</b>			<b>Cumulative Hours</b>	<b>63</b>		
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	B-	Major: Conc HS	BIO 312*	4	C
Major: Conc HS	BIO 225†	5	B-	Major: Conc HS	BIO 334†*	5	B-
Major	BIO 360	3	C	General Education	HUM 210*	3	
General Education	PHL130*	3		Minor/Elective/GDC		3	
Minor/Elective/GDC		3					
<b>Semester Hours</b>	<b>18</b>			<b>Semester Hours</b>	<b>15</b>		
<b>Cumulative Hours</b>	<b>80</b>			<b>Cumulative Hours</b>	<b>96</b>		
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	
Major	Elective	4		Minor/Elective/GDC		3	
Minor/Elective/GDC		3		Minor/Elective/GDC		3	
Minor/Elective/GDC		3					
<b>Semester Hours</b>	<b>16</b>			<b>Semester Hours</b>	<b>16</b>		
<b>Cumulative Hours</b>	<b>112</b>			<b>Cumulative Hours</b>	<b>128</b>		

†Pre-Anesthesiology Assistant Pre-requisite coursework required by majority of AA 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 anesthesiology assistant program pre-requisites. Some Anesthesiology Assistant Programs require the MCAT or GRE, while others will only accept the MCAT. Thus, this plan prepares students to take the MCAT.

\*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.