

<b>B.S. in Biology: Concentration in Pre-Healthcare</b>				
<b>University Core Requirements</b>				
<b>Academic Foundations (8 credits)</b>				
[Dept]	1105	Broad, Enduring Interest	4CR	
BIO	1205	Nature of Work in the Sciences	2CR	
LAS	1305	Wellness	2CR	
<b>Communications (12 credits) <i>Written Communication requires a C- or better</i></b>				
WRI	1001 or 1002	Comp & Rhet. I or Comp. & Rhet. II	4CR	
WRI	2200	Intensive Research Writing I	2CR	
WRI	2210	Intensive Research Writing II	2CR	
COM	2001	Public Speaking	4CR	
<b>STEM Engagement (8 credits)</b>				
*MTH	1501	Statistics I	X	Major
*BIO	1301	General Biology I	X	Major
*BIO	1101	General Biology I Lab	X	Major
<b>Culture &amp; Society (12 credits)</b>				
BIO	4300	Bioethics (Social & Comm. Resp.)	X	Major
		Cultural Understanding in a Global Context	4CR	
		Creative Expression & Self	4CR	
<b>Biology Major* (38CR)</b>				
BIO	1301	General Biology I*	3CR	
BIO	1101	General Biology I Lab*	1CR	
BIO	1302	General Biology II	3CR	
BIO	1102	General Biology II Lab	1CR	
BIO	2302	Anatomy & Physiology I*	3CR	
BIO	2102	Anatomy & Physiology I-Lab*	1CR	
BIO	2303	Anatomy & Physiology II	3CR	
BIO	2103	Anatomy & Physiology II-Lab	1CR	
BIO	2300	Medical Terminology	2CR	
BIO	3301	Genetics	3CR	
BIO	3101	Genetics Lab	1CR	
BIO	3306	Cellular & Molecular Biology	3CR	
BIO	3106	Cellular & Molecular Biology- Lab	1CR	
BIO	3304	Microbiology	3CR	
BIO	3104	Microbiology Lab	1CR	
BIO	4100	Biology Seminar	4CR	
BIO	4300	Bioethics	X	Core
<b>Healthcare Concentration (42 Credits)</b>				
BIO	3305	Human Physiology	3CR	
BIO	3105	Human Physiology-Lab	1CR	
BIO	3320	Immunology	3CR	
CHM	1302	General Chemistry I	3CR	
CHM	1102	General Chemistry I-Lab	1CR	
CHM	1303	General Chemistry II	3CR	
CHM	1103	General Chemistry II-Lab	1CR	
CHM	2300	Organic Chemistry I	3CR	
CHM	2100	Organic Chemistry I-Lab	1CR	
CHM	2301	Organic Chemistry II	3CR	

CHM	2101	Organic Chemistry II- Lab	1CR	
CHM	4200	Biochemistry	4CR	
PHY	2300	Physics I	3CR	
PHY	2100	Physics I-Lab	1CR	
PHY	2301	Physics II	3CR	
PHY	2101	Physics II-Lab	1CR	
PSY	1000	Introduction to Psychology	4CR	
PUB	2000	The History of Public Health	4CR	

**Total number of credits: 120**

**Notes:**

1. To earn a Bachelor degree, all graduates must successfully complete a minimum of 128 credit hours.
2. Minimum of 30 credits must be taken at Centenary University.
3. All graduates must have a minimum cumulative grade point average of 2.0 or above.
4. All graduates must have a minimum of 2.0 GPA in their major(s).
5. Courses that are special topic listed in the title, typically ending with a 99, are repeatable. Courses are counted multiple times and do not replace grades of the previous special topic course.
6. Credits can only be shared between the core and the major or core and minor requirements. Shared credits within the core requirements is not allowed
7. **\*Must earn C or better**