



## Bachelor of Science in Health Sciences- Specialty in Biology (120 Credit Hours) 2018 – 2019 Program Curriculum Guide

This is an UNOFFICIAL document which can be used as a guide for students pursuing this academic degree program. The official program of study, minimum grade and/or prerequisite requirements are published in the current university catalog. Students should contact their student success advisor with any questions.

Area I: Health Sciences-Biology Component		Credit Hours	Met
BSC1010C	Biology I W/Lab	4	
BSC1011C	Biology II w/ Lab	4	
BSC1085C	Anatomy and Physiology I w/ Lab	4	
BSC1086C	Anatomy and Physiology II w/ Lab	4	
CHM2025C	Fundamentals of Chemistry w/ Lab	4	
CHM2045C	General Chemistry I w/ Lab	4	
CHM2046C	General Chemistry II w/ Lab	4	
PHY2048C	Physics I w/Lab	4	
CHM2210C	Organic Chemistry I w/ Lab	4	
CHM2211C	Organic Chemistry II w/ Lab	4	
MCB3020C	Microbiology w/ Lab	4	
PCB3063C	General Genetics w/ Lab	4	
PCB3103C	Cell Biology w/ Lab	4	
HSA3111	United States Healthcare System	3	
PCB3673C	Evolutionary Biology	4	
HSA4702	Research Methods in the Health Sciences	3	
<b>Total Health Sciences-Biology Component</b>		<b>62</b>	

Area II: General Education Component		Credit Hours	Met
BSC1005	Introduction to Biology	3	
MAT1033	Intermediate Algebra	3	
CGS1100	Computer Applications	3	
ENC1101	English Composition I	3	
ENC1102	English Composition II	3	
SLS1103	College Developmental Skills	3	
PSY2012	General Psychology	3	
STA2023	Basic Statistics	3	
PHI2600	Ethics	3	
DEP4054	Human Growth and Development	3	
	General Education elective	3	
	General Education elective	3	
<b>Total General Education Component</b>		<b>36</b>	
<b>Area III: Elective Component</b>			
Upper Level Health Sciences Elective (3000 – 4000)		17	
Elective		5	
<b>Total Elective Component</b>		<b>22</b>	
<b>Total Semester Hours Required for Graduation</b>		<b>120</b>	

Once enrolled, please log into the MyHUGo portal and check “My Progress” in the student planning module of HU Self-Service. Please contact the Office of Student Success if you have any questions and refer to the University Catalog for degree requirements.



## Bachelor of Science in Health Sciences- Specialty in Biology (120 Credit Hours) 2018 – 2019 Optimum Sequence of Course Work

The following course sequences are formatted to help ensure the most direct path to program completion. Deviation may add to the overall time to complete the degree, as many courses require prerequisites and/or are not offered every session. It is important for students to follow the optimum sequence of coursework as suggested by their student success advisor.

1 <sup>st</sup> Year – Session One		Credits	Met	1 <sup>st</sup> Year – Session Two		Credits	Met	1 <sup>st</sup> Year – Session Three		Credits	Met
SLS1103	College Developmental Skills	3		CHM2025C (16 wks.)	Fundamentals of Chemistry w/ Lab	4		PSY2012	General Psychology	3	
ENC1101	English Composition I	3		BSC1085C (8 wks.)	Anatomy and Physiology I w/ Lab	4		PHI2600	Ethics	3	
BSC1005	Introduction to Biology	3		BSC1086C (8 wks.)	Anatomy and Physiology II w/ Lab	4		CGS1100	Computer Applications	3	
MAT1033	Intermediate Algebra	3						ENC1102	English Composition II	3	
<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>	

2 <sup>nd</sup> Year – Session Four		Credits	Met	2 <sup>nd</sup> Year – Session Five		Credits	Met	2 <sup>nd</sup> Year – Session Six		Credits	Met
STA2023	Basic Statistics	3		PHY2048C (16 wks.)	Physics I w/Lab	4		HSA3111	United States Healthcare System	3	
	General Education Elective	3		BSC1010C (16 wks.)	Biology I W/Lab	4		HSA4702	Research Methods in the Health Sciences	3	
DEP4054	Human Growth and Development	3		CHM2045C (16 wks.)	General Chemistry I w/ Lab	4			Upper Level Health Sciences Electives (3000 – 4000)	3	
	General Education Elective	3							Elective	3	
<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>	

3 <sup>rd</sup> Year – Session Seven		Credits	Met	3 <sup>rd</sup> Year – Session Eight		Credits	Met	3 <sup>rd</sup> Year – Session Nine		Credits	Met
BSC1011C	Biology II w/ Lab	4		PCB3063C	General Genetics w/ Lab	4		CHM2211C	Organic Chemistry II w/ Lab	4	
CHM2046C	General Chemistry II w/ Lab	4		PCB3673C	Evolutionary Biology	4			Upper Level Health Sciences Electives (3000 – 4000)	4	
MCB3020C	Microbiology w/ Lab	4		CHM2210C	Organic Chemistry I w/ Lab	4			Upper Level Health Sciences Electives (3000 – 4000)	4	
<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>		<b>Total</b>		<b>12</b>	



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**2018 – 2019 Optimum Sequence of Course Work**

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<b>4<sup>th</sup> Year – Session Ten</b>	<b>Credits</b>	<b>Met</b>
Upper Level Health Sciences Electives (3000 – 4000)	3	
Upper Level Health Sciences Electives (3000 – 4000)	3	
Elective	3	
Elective	3	
<b>Total</b>	<b>12</b>	