

## Academic Program Sequence Map

**Program Degree Type and Name:** BS Health Science Pre-Physician Assistant Track  
**Program Level:** Undergraduate      **Academic Term Type:** Semester

**Catalog Year:** 2023-2024  
**Gateway**

* Denote core course with an asterisk and (cc) next to the course number									
Year and Term: Year 1, Fall Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co				
MATH 116 College Algebra	3	x							
ENGL 111 Written English & Lit Studies I	3	x							
PSYN 101 Introduction to Psychology	3	x							
ENGL 110 if required or Gen Ed	3	x							
HLSC 102 Intro to Health Professions(cc)	3		x						
<b>Term Credit Total:</b>		15	12	3					
Year and Term: Year 2, Fall Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co				
*HLSC 215 Cultural Competence (cc)	3		x						
BIOL 131 Anatomy & Physiology II	3	x			BIOL130/130A,math116,Eng 110/BIOL131A				
BIOL 131A Anatomy & Physiology II - Lab	1	x			BIOL130/130A,math116,Eng 110/BIOL131				
PSYN 233 Developmental Psychology	3		x						
HLSC 250 Global Health	3		x						
MATH 201 Precalculus	3	x			Math 116				
<b>Term Credit Total:</b>		16	7	9					
Year and Term: Year 3, Fall Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co				
BIOL 161 General Biology II - Lecture	3		x		BIOL160&160A /161A				
BIOL 161 General Biology II - Lab	1		x		BIOL160&160A /161				
CHEM 161 General Chemistry II	3		x		CHEM160,160A/ CHEM 161A				
CHEM 161A General Chemistry II - Lab	1		x		CHEM160,160A/ CHEM 161				
Open Elective	2			X					
Gen Ed	6	x							
<b>Term credit total:</b>		16	6	8	2				
Year and Term: Year 4, Fall Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co				
BHSC 370 Statistics	3		x		Math115 orMath116 or Math117				
CHEM 261 Organic Chemistry II	3		x		CHEM260,260A/CHEM261A				
CHEM 261A Organic Chemistry II - Lab	1		x		CHEM260,260A/CHEM261				
BIOL 309 Human Physiology	3		x		BIOL160,160A,BIO161,161A (or) BIOL130,130A, BIO131,131A(&)CHEM 160,160A, CHEM161,161A/BIOL309A				
BIOL 309A Human Physiology	1		X		BIOL160,160A,BIO161,161A (or) BIOL130,130A, BIO131,131A(&)CHEM 160,160A, CHEM161,161A/BIOL309				
Gen Ed	3	x							
<b>Term Credit Total:</b>		14	3	11					
Year and Term: Year 1, Spring Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co				
ENGL 112 Written English & Lit Studies II	3	x							
COMM 110 Oral Communication	3	x							
HLSC 201 Medical Terminology	2		x						
CINQ 101 Critical Inquiry	3	x							
BIOL 130 Anatomy & Physiology I	3	x			Math116, Eng110/BIOL 130A				
BIOL 130A Anatomy & Physiology I	1	x			Math116, Eng110/BIOL 130				
<b>Term Credit Total:</b>		15	13	2					
Year and Term: Year 2, Spring Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co				
BIOL 160 General Biology I	3	x			Math116/BIOL160A				
BIOL 160A General Biology I	1	x			Math116/BIOL160				
CHEM 160 General Chemistry I	3		x		Math 116/CHEM160A				
CHEM 160A General Chemistry I	1		x		Math 116/CHEM160				
Gen Ed	6	x							
<b>Term Credit Total:</b>		14	10	4					
Year and Term: Year 3, Spring Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co				
CHEM 260 Organic Chemistry I	3		x		CHEM160,160A,CHEM161, 161A/CHEM260A				
CHEM 260A Organic Chemistry I	1		x		CHEM160,160A,CHEM161, 161A/CHEM260				
JRSM 301	3	X							
BIOL 265 Microbiology	3		x		BIOL130,130ABIO131,131A, BIO160,160A,BIO161,161A/ BIO265A				
BIOL 265A Microbiology - Lab	1		x		BIOL130,130ABIO131,131A,BIO160,160A,BIO161,161A/B IO265				
Gen Ed	3	x							
<b>Term Credit Total:</b>		14	6	8					
Year and Term: Year 4, Spring Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co				
HLSC 399 Internship in HS	3		x		HLSC102				
CHEM 354 Biochemistry	4		x		BIOL160,160A,BIO161,161A,CHEM 160,160A, CHEM161,161A, CHEM260,260A, CHEM261,261A				
HLSC 285 Musculoskeletal Anat.	3		x		BIOL 130/130A/131/131A orBIOL160/160A/161/161A				
HLSC 350	3		x		ENG 112, HLSC 201, HLSC 215				
Gen Ed	3	x							
<b>Term Credit Total:</b>		16	3	13					
<b>Program Totals</b>		Credits: 17		General Ed: 60		Major & Major Elective: 58		Open Elective: 2	

**Legend:** CR: Credits    GE: General Education    Maj: Major / Major Elective    OE: Open Elective

*Office of the Provost April 2023*

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