

Academic Program Sequence Map

Program Degree Type and Name: BS Health Science Pre-Physician Assistant Track

Catalog Year: 2025-2026

Program Level: Undergraduate Academic Term Type: Semester

* 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	Milestone/Advice							
MATH 116 College Algebra	3	x											
ENGL 111 Written English & Lit Studies I	3	x											
PSYN 101 Introduction to Psychology	3	x				or PSYN 195 (honors)							
ENGL 110 if required or Gen Ed	3	x											
HLSC 102 Intro to Health Professions(cc)	3		x			CA							
Term Credit Total:	15	12	3										
Year and Term: Year 2, Fall Term							Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co	Milestone/Advice							
*HLSC 215 Cultural Competence (cc)	3		x										
BIOL 131 Anatomy & Physiology II	3	x			BIO130/130A,math116,Eng 110/BIO131A								
BIOL 131A Anatomy & Physiology II - Lab	1	x			BIO130/130A,math116,Eng 110/BIO131								
PSYN 233 Developmental Psychology	3		x										
HLSC 250 Global Health	3		x										
MATH 201 Precalculus	3	x			Math 116								
Term Credit Total:	16	7	9										
Year and Term: Year 3, Fall Term							Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co	Milestone/Advice							
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	3			X		If interested in the PA grad program consider these: BIOL 310, BIOL 317, BIOL 355, BIOL 360, or BIOL 366							
Gen Ed	3	x											
Term credit total:	14	3	8	3									
Year and Term: Year 4, Fall Term							Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co	Milestone/Advice							
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								
Gen Ed	3	x											
Gen Ed	3	x											
Term Credit Total:	16	6	10										
Year and Term: Year 1, Spring Term							Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co	Milestone/Advice							
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							
Term Credit Total:	15	13	2										
Year and Term: Year 2, Spring Term							Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co	Milestone/Advice							
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	3	x											
Gen Ed	3	x											
Term Credit Total:	14	10	4										
Year and Term: Year 3, Spring Term							Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co	Milestone/Advice							
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,BI O160,160A,BIO161,161A/BIO 265								
Gen Ed	3	x											
Term Credit Total:	14	6	8										
Year and Term: Year 4, Spring Term							Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	Prerequisite(s)/Co	Milestone/Advice							
HLSC 399 Internship in HS	3		x		HLSC102								
CHEM 354 Biochemistry	4		x		BIOL160,160A,BIO161,161A,C HEM 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											
Gen Ed													
Term Credit Total:	16	3	13										

Program Totals		Credits: 1General Ed: 60				Major & Major Elective: 57				Open Elective: 3			
Legend:	CR: Credits	GE: General Education	Maj: Major / Major Elective	OE: Open Elective	SM: Success Marker	Co/Prerequisite(s):	List of co/ prerequisites for noted course	GC: Gateway Courses	CA: Career Activity	ELC: Experiential Learning Course	WBE: Work-Based Experience		