

Health Science: Pre-Physician Assistant

Bachelor of Science (BS)

This degree map is based on the 2023-24 Academic Catalog and is subject to change. Students should meet with their academic advisor each semester and use Degree Works to monitor their individual progress toward degree completion. The time it takes to earn a degree will vary based on several factors including summer/winter enrollment, dual enrollment and number of courses successfully completed each semester. We recommend taking a minimum of 15 credits each fall and spring semester.

Sample 4-Year Plan

First Year			
Fall Courses	Credits	Spring Courses	Credits
EXER161 Introduction to Health and Exercise Science	3	HLSC108/BIOL108 Medical Terminology for Health Professions	3
HLSC115 Human Anatomy & Physiology 1	4	HLSC120 Human Anatomy & Physiology 2	4
BIOL110 Principles of Biology 1	4	CHEM121 Chemistry 1	4
FYS100 First Year Seminar	3	MATH113 Precalculus	3
General Education	3	PSYC100 Introduction to Psychology	3
Semester Total	17	Semester Total	17

Second Year			
Fall Courses	Credits	Spring Courses	Credits
HLSC200 Introduction to Disease	3	BIOL211 Cellular Biology	4
CHEM122 Chemistry 2	4	EXER378 Exercise Physiology	3
PSYC212 Lifespan Development	3	STAT141 Statistics	3
NUTR200 Introduction to Nutrition	3	General Education	3
General Education	3		
Semester Total	16	Semester Total	13

Third Year			
Fall Courses	Credits	Spring Courses	Credits
CHEM231 Condensed Organic Chemistry	4	HLSC415 Pharmacology	3
General Education / Elective	12	HLSC498 Professional Field Experience in Health Science	2
		BIOL208 Human Genetics	3
		General Education / Elective	6
Semester Total	16	Semester Total	14

Fourth Year			
Fall Courses	Credits	Spring Courses	Credits
BIOL340 Microbiology	4	CHEM351 Biochemistry 1	4
HLSC407 Advanced Human Physiology	4	HLSC451 Advanced Human Anatomy	3
General Education / Elective	6	General Education / Elective	6
Semester Total	14	Semester Total	13

Winter/Summer College - Optional

While not required, Winter and Summer sessions are offered each year and may help you stay on track or get ahead. You may take up to seven (7) credits during Winter College and up to 14 credits during Summer College.

PRE-PHYSICIAN ASSISTANT

Curriculum Checklist

Health Science Core

- ___ BIOL110 Principles of Biology 1 (4)
- ___ BIOL208 Human Genetics OR BIOL209 Genetics (3)
- ___ BIOL211 Cellular Biology (4)
- ___ BIOL340 Microbiology (4)
- ___ CHEM231 Condensed Organic Chemistry (4)
- ___ CHEM351 Biochemistry 1 (4)
- ___ EXER378 Exercise Physiology (3)
- ___ HLSC108 Medical Terminology for Healthcare Professions (3)
- ___ HLSC120/BIOL181 Human anatomy & Physiology 2 (4)
- ___ EXER161 Introduction to Health and Exercise Science (3)
- ___ HLSC298 Introduction to Disease (3)
- ___ HLSC407 Advanced Human Physiology OR BIOL474 Human Physiology (4)
- ___ HLSC415 Pharmacology (3)
- ___ HLSC451 Advanced Human Anatomy (3)
- ___ HLSC498 Professional Filed Experience in Health Science (2)
- ___ PSYC100 Introduction to Psychology (3)
- ___ PSYC212 Lifespan Development (3)
- ___ NUTR200 Introduction to Nutrition (3)

Health Science Electives (8 credits)

- ___ HLSC140 Introduction to Public Health
- ___ HLSC202 Care and Prevention of Athletic Injuries
- ___ HLSC208 Stress Management and Life Skills for Health Promotion
- ___ HLSC211 Public Health, Social Justice and Advocacy
- ___ HLSC212 Introduction to Global Health Promotion
- ___ HLSC218 Public Health and the Environment
- ___ HLSC235 Community-level Health Methods and Strategies
- ___ HLSC236 Health Literacy and Patient Education
- ___ HLSC240 Introduction to Epidemiology
- ___ HLSC307 Cultural Aspects of Health
- ___ HLSC332 Psychology of injury and Illness
- ___ HLSC350 Planning Health Promotion Programs
- ___ HLSC401 Current Health Issues
- ___ HLSC402 Evaluating Health Education and Promotion Programs
- ___ HLSC420 Rehabilitation Science
- ___ HLSC452 Advanced Human Anatomy Lab
- ___ HLSC470 Sex Education for Health Sciences
- ___ HLSC498 Special Topics
- ___ NUTR200 Introduction to Nutrition
- ___ NUTR310 Nutrition Assessment and Medical Terminology
- ___ NUTR325 Nutrition Counseling and Education
- ___ NUTR350 Nutrition in Healthcare
- ___ EXER351 Biomechanics

General Education Requirements

(45 credits)

Note: Some requirements may be fulfilled by coursework in your major program including directed Gen Ed courses noted below

- A. Foundations (15 credits)
 - a. Quantitative: MATH113 Precalculus (3)
- B. Interconnections (9 credits)
- C. Citizenship & Responsibility (6 credits from at least two goals)
- D. Natural World & Technologies (9 credits)
 - a. CHEM121 General Chemistry 1 (4)
 - b. CHEM122 General Chemistry 2 (4)
 - c. HLSC115/BIOL180 Human Anatomy & Physiology 1 (4)
- E. Creativity & Expression (6 credits)

Degree Requirements

All students must obtain a minimum of 120 credits, complete all General Education requirements, and all requirements for the selected major. Meet with your advisor and consult Degree Works to monitor your progress and for all graduation requirements.

A minimum GPA of 2.0 in the major and overall are required.

Campus Locations

Bloomsburg	<input type="checkbox"/> Online; <input checked="" type="checkbox"/> In-person; <input type="checkbox"/> Blended
Lock Haven	<input type="checkbox"/> Online; <input checked="" type="checkbox"/> In-person; <input type="checkbox"/> Blended
Mansfield	<input type="checkbox"/> Online; <input type="checkbox"/> In-person; <input type="checkbox"/> Blended
Clearfield	<input type="checkbox"/> Online; <input type="checkbox"/> In-person; <input type="checkbox"/> Blended