

# 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 or BIOL108 Medical Terminology for Health Professions	3
HLSC115 or BIOL180 Human Anatomy & Physiology 1 (N)	4	HLSC120 or BIOL181 Human Anatomy & Physiology 2	4
BIOL110 Principles of Biology 1 (N)	4	CHEM121 Chemistry 1 (N)	4
FYS100 First Year Seminar (F)	3	MATH140 Precalculus	3
General Education/Elective	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 Introduction to Statistics (Q)	3
NUTR200 Introduction to Nutrition	3	General Education/Elective	3
General Education/Elective	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 (61 credits)

- \_\_\_ 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 or BIOL108 Medical Terminology for Healthcare Professions (3)
- \_\_\_ HLSC120 or BIOL181 Human anatomy & Physiology 2 (4)
- \_\_\_ EXER161 Introduction to Health and Exercise Science (3)
- \_\_\_ HLSC200 Introduction to Disease (3)
- \_\_\_ HLSC407 Advanced Human Physiology OR BIOL474 Human Physiology (4)
- \_\_\_ HLSC415 Pharmacology (3)
- \_\_\_ HLSC451 Advanced Human Anatomy (3)
- \_\_\_ HLSC498 Professional Field Experience in Health Science (3)
- \_\_\_ MATH140 Precalculus (3)
- \_\_\_ PSYC100 Introduction to Psychology (3)
- \_\_\_ PSYC212 Lifespan Development (3)

## General Education Requirements

### (48 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

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