

# Health Science: Pre-Physician Assistant

## Bachelor of Science (BS)

This degree map is based on the current Academic Catalog and is subject to change. Please note that the degree map is designed to give you a sense of roughly how courses might be distributed over a 4-year degree. Your exact schedule will differ depending on a range of factors though we recommend taking a minimum of 15 credits each fall and spring semester. Regular consultation with your academic advisor is the best way to make sure that you are taking the courses you need in the right order to ensure efficient progress through your degree program.

### 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    | 3       |
| HLSC115 or BIOL180 Anatomy & Physiology 1           | 4       | HLSC120 or BIOL181 Anatomy & Physiology 2 | 4       |
| BIOL110 Principles of Biology 1                     | 4       | CHEM121 Chemistry 1                       | 4       |
| FYS100 First Year Seminar                           | 3       | MATH140 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 Introduction to Statistics | 3       |
| General Education / Elective    | 6       | 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 Sci | 2       |
|                                     |         | BIOL208 Human Genetics or BIOL209 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 (58)

- \_\_\_ 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)
- \_\_\_ EXER161 Introduction to Health and Exercise Science (3)
- \_\_\_ EXER378 Exercise Physiology # (3)
- \_\_\_ HLSC108 or BIOL108 Medical Terminology (3)
- \_\_\_ HLSC120 or BIOL181 Anatomy & Physiology 2 (4) \*\*
- \_\_\_ 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)
- \_\_\_ PSYC100 Introduction to Psychology (3)
- \_\_\_ STAT141 Introduction to Statistics (3) \*\*

\*Students must qualify for MATH140 by scoring a 61 or higher on the ALEKs math placement assessment or successfully completing MATH118 or MATH118A to enroll in CHEM121.

\*\* A grade of B or better in indicated courses is required for admission to the Physician Associate Program at Commonwealth University – Lock Haven.

## 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: MATH140 Precalculus (3)
- B. Interconnections (9 credits)
- C. Citizenship & Responsibility (6 credits from at least two goals)
  - a. Diversity: PSYC212 Lifespan Development
- D. Natural World & Technologies (9 credits)
  - a. CHEM121 General Chemistry 1 (4) \*\*
  - b. CHEM122 General Chemistry 2 (4) \*\*
  - c. HLSC115 or BIOL180 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 checked="" type="checkbox"/> In-person; <input type="checkbox"/> Blended |
| <b>Lock Haven</b> | <input type="checkbox"/> Online; <input checked="" type="checkbox"/> In-person; <input 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            |

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# indicates advanced coursework – this concentration contains 35 of 42 credits of advanced coursework required for graduation. Remaining credits may be completed in major area electives or as part of general education.