

## PRE-PHYSICIAN

## **ASSOCIATE/ASSISTANT STUDIES CERTIFICATE**

This degree map is based on the 2023-24 Academic Catalog and is subject to change. These suggestions will change depending on the goals of the student and the target professional schools. Students should meet with their academic advisor each semester and use Degree Works to monitor their individual progress toward certificate completion. The time it takes to earn a certificate will vary based on several factors including summer/winter enrollment, dual enrollment and number of courses successfully completed each semester.

### **Sample Completion Plan**

| First Year                      |         |                                  |         |  |
|---------------------------------|---------|----------------------------------|---------|--|
| Fall Courses                    | Credits | Spring Courses                   | Credits |  |
| STAT141 Statistics              | 3       | BIOL180 Anatomy and Physiology 1 | 4       |  |
| CHEM121 General Chemistry 1     | 4       | CHEM122 General Chemistry 2      | 4       |  |
| BIOL110 Principles of Biology 1 | 4       | PSYC212 Lifespan Development     | 3       |  |
| PSYC100 Intro to Psychology     | 3       |                                  |         |  |
|                                 |         |                                  |         |  |
| Semester Total                  | 14      | Semester Total                   | 11      |  |

| Second Year                         |         |                                          |         |  |
|-------------------------------------|---------|------------------------------------------|---------|--|
| Fall Courses                        | Credits | Spring Courses                           | Credits |  |
| BIOL340 Microbiology                | 4       | BIOL208 Human Genetics                   | 3       |  |
| CHEM231 Condensed Organic Chemistry | 4       | CHEM351 Biochemistry 1                   | 4       |  |
| BIOL181 Anatomy and Physiology 2    | 4       | BIOL108 Medical Terminology              | 3       |  |
| BIOL211 Cell Biology (4)            | 4       | Submit professional school applications. |         |  |
|                                     |         |                                          |         |  |
| Semester Total                      | 16      | Semester Total                           | 10      |  |

#### 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.

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#### **Curriculum Checklist**

#### Fall 2023 Commonwealth Course Name

- \_\_\_ BIOL108 Medical Terminology (3)
- \_\_\_ BIOL110 Principles Biology 1 (4)
- \_\_\_ BIOL180 Anatomy and Physiology 1 (4)
- BIOL181 Anatomy and Physiology 2 (4)
- BIOL211 Cell Biology (4)
- BIOL340 Microbiology (4)
- \_\_\_ CHEM121 General Chemistry 1 (4)
- \_\_\_ CHEM122 General Chemistry 2 (4)
- \_\_\_ CHEM231 Condensed Organic Chemistry (4)
- CHEM351 Biochemistry 1 (4)
- PSYC100 Intro to Psychology (3)
- \_\_\_ PSYC212 Lifespan Development (3)
- \_\_\_ STAT141 Statistics (3)

#### **Fall 2023 Commonwealth Elective Courses**

#### Biology Electives (choose one)

- \_\_\_ BIOL208 Human Genetics (3)
- \_\_\_ BIOL209 Genetics (3)

#### Strongly Recommended (Not Required)

\_\_\_ patient experience 500 hours

#### **Certificate Requirements**

These cover the common requirements for professional schools. Students and advisors should refer to program-specific requirements that may be above and beyond the list here.

All students must complete all requirements for the certificate. Meet with your advisor and consult Degree Works to monitor your progress and for all requirements.

A minimum GPA of 3.0 in the major and overall are required.

A grade of B or better in all required courses.

#### **Campus Locations**

| Bloomsburg | ☐ Online; ☒ In-person; ☐ Blended                           |
|------------|------------------------------------------------------------|
| Lock Haven | $\square$ Online; $\boxtimes$ In-person; $\square$ Blended |
| Mansfield  | $\square$ Online; $\boxtimes$ In-person; $\square$ Blended |
| Clearfield | $\square$ Online; $\square$ In-person; $\square$ Blended   |