

# Pre-Professional Health, AS

2023-2024 Catalog

Award Granted Upon Completion: Associate in Science

Credits/Contacts Required: 60/68

Major code: 02/228

CIP Code: 511102

## Description

The Pre-Professional Health Degree is designed for students who wish to transfer to a four-year college or university in a Professional Health Program. Specific program areas include Clinical Lab Science, Diagnostic Genetics, Pre-Medicine, Pre-Veterinary Medicine, Pre-Pharmacy, Pre-Optometry, Occupational Therapy, and Pre-Physical Therapy. Generally these professions will require post-baccalaureate studies. Further, in many cases, undergraduate majors in many health disciplines do not exist. Students must still select and complete an undergraduate major in addition to their pre-professional studies. While it is traditional for pre-health professional students to complete an undergraduate major in biology, professional schools, especially medical schools, often value a more diverse undergraduate education. For this reason, students who major in secondary education, communications, social and behavioral sciences or other liberal arts disciplines while completing their pre-professional courses are often at a competitive advantage for admission to professional school. By satisfying the program requirements listed below, a student also satisfies the Michigan Transfer Agreement requirements listed in the catalog. 🔄

## Transfer Areas of Interest

- Dentistry (Pre)
- Medicine (Pre)
- Occupational Therapy
- Optometry (Pre)
- Pharmacy (Pre)
- Physical Therapy (Pre)
- Veterinary Medicine (Pre)

### General Education Requirements (Min 32 Credits) @

- ENGL 101 - Rhetoric & Composition **Credit(s): 3**
- XXXX xxx - Communications Elective (ENGL 102 or ENGL 145; COMM 103, COMM 104, or COMM 120) **Credit(s): 3**
- MATH 141 - Analytical Geometry & Calculus I **Credit(s): 5**
- BIOL 110 - Evolution & Diversity **Credit(s): 4**
- CHEM 110 - General Chemistry I **Credit(s): 5**
- PSYC 201 - Introduction to Psychology **Credit(s): 3**
- XXXX xxx - Social & Behavioral Science Electives **Credit(s): 3 \***
- XXXX xxx - Humanities Electives **Credit(s): 6 \***

### Program Requirements (Min 28 Credits) @

- BIOL 112 - Cells & Molecules **Credit(s): 4**
- CHEM 112 - General Chemistry II **Credit(s): 5**
- MATH 210 - Introduction to Statistics **Credit(s): 4**
- XXXX xxx - Math & Science Electives **Credit(s): 12 \*\***
- XXXX xxx - Approved Elective **Credit(s): 3**

### Suggested Sequences per Semester

#### First Semester

- BIOL 110 - Evolution & Diversity **Credit(s): 4**
  - CHEM 110 - General Chemistry I **Credit(s): 5**
  - ENGL 101 - Rhetoric & Composition **Credit(s): 3**
  - MATH 141 - Analytical Geometry & Calculus I **Credit(s): 5**
- First Semester Total - Credit(s): 17 | Contacts: 21**

#### Second Semester

- BIOL 112 - Cells & Molecules **Credit(s): 4**
  - CHEM 112 - General Chemistry II **Credit(s): 5**
  - PSYC 201 - Introduction to Psychology **Credit(s): 3**
  - XXXX xxx - Communications Elective **Credit(s): 3**
- Second Semester Total - Credit(s): 15 | Contacts: 19**

#### Third Semester

- MATH 210 - Introduction to Statistics **Credit(s): 4**
  - XXXX xxx - Humanities Elective **Credit(s): 3 \***
  - XXXX xxx - Math Science Electives **Credit(s): 6-10 \*\***
- Third Semester Total - Credits: 13-17 | Contacts: 13-19**

#### Fourth Semester

- XXXX xxx - Humanities Elective **Credit(s): 3 \***
- XXXX xxx - Math Science Electives **Credit(s): 6-10 \*\***
- XXXX xxx - Social & Behavioral Science Elective **Credit(s): 3 \***
- XXXX xxx - Approved Elective **Credit(s): 3**

**Fourth Semester Total - Credit(s): 15-19 | Contacts: 15-21**

#### NOTES:

🔄 This degree requires fulfillment of the Michigan Transfer Agreement General Education requirements. All courses used to fulfill the MTA must have a grade of "C" or higher.

Actual courses and sequence vary with transfer institution and undergraduate degree specialization. It is in the student's best interest to review transfer guides for specific university and program requirements. Students should regularly consult their transfer institution as well as their Bay College advisor prior to scheduling courses.

@ Many courses require specific placement scores or prerequisite courses. Students not meeting the prerequisites for their required courses may need to take more time and more credits to fulfill the degree requirements.

\* Students must choose courses in Social & Behavioral Sciences and Humanities, each from two different subject areas to meet MTA.

See advisor for details.

\*\* Math/Science electives include BIOL 202, BIOL 213, BIOL 214, BIOL 225, BIOL 226, 231, 232, BIOL 255, BIOL 256, BIOL 270, BIOL 271, 272-275, CHEM 201, CHEM 202, MATH 142, PHYS 201, PHYS 202, PHYS 205, and PHYS 206. Students who are transferring where physical education is required may use up to three elective credits. Some students may be advised to take COMM 103 or COMM 104 in place of a Math/Science elective.