

Pre-Professional Health

Associate in Science Degree

Why Pre-Professional Health?

If you are interested in a degree that will allow you to explore various science fields in health care, the Pre-Professional Health program is ideal for you. The degree is broad and allows you to find out where your true passions lie in science, preparing you to choose a specialty to pursue in a 4 year undergraduate program.

Why Bay College?

The [Pre-Professional Health program](#) at Bay College can provide the essential science foundation for an undergraduate health professions degree leading to professional school in a high touch environment, with engaged faculty and small class size. Note that 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 when transferring to a university. Our degree is broad so that you can explore various science fields as you think about what specialty to pursue, and our faculty are here to help you along the way.

Beyond Bay College

Students interested in transferring to a four-year institution to obtain a bachelor's degree or higher may find opportunities in the following areas of study:

- **Clinical Lab Science**
- **Pre-Pharmacy**
- **Diagnostic Genetics**
- **Pre-Optometry**
- **Pre-Medicine**
- **Occupational Therapy**
- **Pre-Veterinary Medicine**
- **Pre-Physical Therapy**

Career Opportunities

A degree in Professional Health opens the door to many careers in a diverse and growing field. Students can go on to be many things, such as:

- **Medical Doctors**
- **Occupational Therapists**
- **Dentists**
- **Pharmacists**
- **Veterinarians**
- **Optometrists**
- **Clinical Lab Scientists**
- **Physical Therapists**

Contact

Bay College

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Pre-Professional Health, AS

Award Granted Upon Completion: Associate in Science
Credits/Contacts Required: 60/68

Major code: 02/228
CIP Code: 511102

General Education Requirements (Min. 32 Credits) @

Course #	Course Name	Cr
ENGL 101	Rhetoric & Composition	3
XXX xxx	Communication Elective (ENGL 102 or ENGL 145; COMM 103, COMM 104, or COMM 120)	3
MATH 141	Analytical Geometry & Calculus I	5
BIOL 110	Evolution & Diversity	4
CHEM 110	General Chemistry I	5
PSYC 201	Introduction to Psychology	3
XXXX xxx	Social & Behavioral Science Electives	3*
XXXX xxx	Humanities Electives	6*

Requirements (Min. 28 Credits)

Course #	Course Name	Cr
BIOL 112	Cells & Molecules	4
CHEM 112	General Chemistry II	5
MATH 210	Introduction to Statistics	4
XXXX xxx	Math & Science Electives	12**
XXXX xxx	Approved Elective	3

Suggested Sequences Per Semester

First Semester

Course #	Course Name	Cr/Ct
BIOL 110	Evolution & Diversity	4
CHEM 110	General Chemistry I	5
ENGL 101	Rhetoric & Composition	3
MATH 141	Analytical Geometry & Calculus I	5

First Semester Total - Credit(s): 17 | Contacts: 21

Second Semester

Course #	Course Name	Cr/Ct
BIOL 112	Cells & Molecules	4
CHEM 112	General Chemistry II	5
PSYC 201	Introduction to Psychology	3
XXXX xxx	Communication Elective	3/3

First Semester Total - Credit(s): 15 | Contacts: 19

Third Semester

Course #	Course Name	Cr/Ct
MATH 210	Introduction to Statistics	4
XXXX xxx	Humanities	3/3*
XXXX xxx	Math Science Elective	3-5/3-6**
XXXX xxx	Math Science Elective	3-5/3-6**

Third Semester Total - Credit(s): 13-17 | Contacts: 13-19

Fourth Semester

Course #	Course Name	Cr/Ct
XXXX xxx	Humanities	3/3*
XXXX xxx	Math Science Elective	3-5/3-6**
XXXX xxx	Math Science Elective	3-5/3-6**
XXXX xxx	Social & Behavioral Science	3/3*
XXXX xxx	Approved Elective	3/3

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

Note(s)

⚡ 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.