



Associate in Science in Pre-Professional Health Studies

Curriculum Code: 0754

Effective Fall 2016 -Summer 2021

Associate in Science in Pre- Professional Health Studies

This degree is designed for students who intend to transfer to a four-year college or university to pursue a baccalaureate degree in preparation for application to graduate level health degrees such as Medical Doctor (MD), Doctor of Osteopathic Medicine (DO), Doctor of Dental Surgery or Medicine (DDS or DDM), Physician Assistant (PA), Physical Therapy (PT), Occupational Therapy (OT), Doctor of Chiropractic (DC), Doctor of Pharmacy (PharmD), or Doctor of Veterinary Medicine (DVM). This degree may also prepare students for a degree in Clinical Laboratory Science. Students completing this curriculum will also satisfy the Michigan Transfer Agreement (MTA) between two-year and four-year institutions in Michigan and qualify for an LCC [Transfer Studies Certificate of Achievement \(1482\)](#). Transfer students are **strongly** encouraged to apply for this certificate along with their degree, as it clearly announces to four-year colleges and universities that the student has successfully completed the MTA. General education and subject area requirements may vary from one college or university to another. A minimum of 2.0 is required to transfer to other colleges (some colleges, and some programs within colleges, require a higher grade in a course). Click [here](#) for information on how to use and interpret this curriculum guide.

I. General Education - MTA:

MINIMUM: 30 credits

Complete [General Education - MTA Requirements](#) for the Associate of Science Degree

A. English Composition: One course

B. English Composition (second course) **or Communication:** One course – *Choose WRIT 122/132*

C. Humanities and Fine Arts: A total of 2 courses, each from a different discipline

D. Mathematics: One course from Quantitative Reasoning, College Algebra or Statistics – *Choose MATH 122*

E. Natural Sciences: Met by requirements

F. Social Science: A total of 2 courses, each from a different discipline – *Choose PSYC 200 for one course*

II. Required Courses within the Major: (See Note 2)

Complete each of the following courses:

Course Code	Title	Credits
BIOL 127	Cell Biology	4
BIOL 128	Organismal Biology	4
CHEM 151	General Chemistry Lecture I	4
CHEM 152	General Chemistry Lecture II	3
CHEM 161	General Chemistry Lab I	1
CHEM 162	General Chemistry Lab II	1
CHEM 251	Organic Chemistry Lecture I	4
CHEM 252	Organic Chemistry Lecture II	4
CHEM 272	Organic Chemistry Laboratory	2

III. Electives: (See Note 3)

Complete courses as needed from the list of [Electives](#) to reach the 60 credit minimum for this degree. Courses used to fulfill requirements in I. and II. above cannot be used as Elective courses.

MINIMUM TOTAL: 60 credits

Notes:

- 1) In order to graduate with this degree, a student must earn a minimum grade of 2.0 in all courses.
- 2) It is recommended that students pursuing this degree consider taking the following courses when completing Electives: MATH 151, PHYS 221, and/or PHYS 222.
- 3) Students should verify requirements with their transfer institutions/intended professional programs, especially pre-medical students intending to attend medical school at MSU.

1 st Semester	Credits	2 nd Semester	Credits	3 rd Semester (Summer)	Credits
WRIT 121	4	CHEM 152 &162	4	BIOL 127	4
CHEM 151 & 161	5	MATH 122	4	PSYC 200	4
MATH 121	4	WRIT 122	4		
TOTAL Credits	13	TOTAL Credits	12	TOTAL Credits	8

4 th Semester	Credits	5 th Semester	Credits	6 th Semester (Summer)	Credits
BIOL 128	4	CHEM 252	4	MTA Humanities	4
CHEM 251	4	CHEM 272	2		
Elective	4	MTA Humanities	4		
		MTA Social Science	4		
TOTAL Credits 12		TOTAL Credits	14	TOTAL Credits	4