



## Associate in Science in Pre-Medical Studies

Curriculum Code: 0754

Effective Fall 2015 -Summer 2020

### Associate in Science in Pre-Medical Studies

This degree is designed for students who intend to transfer to a four-year college or university to pursue a baccalaureate degree in this subject area. 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.

#### **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 121*

**E. Natural Sciences:** A total of 2 courses, each from a different discipline; one must be a lab course – *Choose CHEM 151 to fulfill half of this requirement.* (See Note 1)

**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 1)**

Complete each of the following courses:

Course Code	Title	Credits
BIOL 127	Cell Biology	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 2)**

Complete courses as needed from the list of [Elective Courses](#) 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) BIOL 127 also fulfills part of I.E. above.
- 2) It is recommended that students pursuing this degree consider taking the following courses when completing Electives: BIOL 270, PHYS 221
- 3) It is recommended that students pursuing this degree consider the following Suggested Course Sequence when completing an Educational Development Plan (EDP):

<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>
GE: CHEM 151	BIOL 127	CHEM 251	CHEM 252

GE: CHEM 161  
GE: ENG COMP  
GE: MATH 121  
GE: SOC SCI

CHEM 152  
CHEM 162  
GE: PSYC 200  
GE: WRIT 122/132

GE: HUMS  
ELECTIVE  
ELECTIVE

CHEM 272  
GE: HUMS  
ELECTIVE