

**LANSING COMMUNITY COLLEGE**

**Liberal Arts**

**Curriculum Code: 0754**  
 (Effective Fall 2018 –  
 Summer 2023)

**Pre-Professional Health Studies A.S. Pathway**

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).

**General Education - MTA: MINIMUM: 30 credits**

Complete General Education - MTA Requirements for the Associate of Arts Degree

- A. English Composition: One course
- B. English Composition (second course) or Communication: One course
- 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
- E. Natural Sciences: A total of 2 courses, each from a different discipline; one must be a lab course
- F. Social Science: A total of 2 courses, each from a different discipline

**For More Information**

Contact the Science Department in the Arts and Sciences Building, Room 3203, telephone number (517) 483-1092, or the Academic Advising Department, Gannon Building - StarZone, telephone number (517) 483-1904.

Semester I Fall	Course Title	Prerequisites	Credit/Billing Hours
<b>General Education - Area A. English Composition - <i>Select 1</i></b>			
ENGL 121	Composition I	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	4 / 4
ENGL 131	Honors Composition I	Reading Level 5 and Writing Level 7	4 / 4

### Program of Study Requirements

*CHEM 151 or CHEM 161 will also satisfy one of the two courses needed for the General Education - Area E. Natural Sciences requirement.*

*MATH 121 satisfies the General Education – Area D. Mathematics requirement*

CHEM 151	General Chemistry Lecture I	Reading Level 5 and Writing Level 6 and (Math Level 6 or MATH 109 concurrently or MATH 112 concurrently)	4 / 4
CHEM 161	General Chemistry Lab I	Minimum 2.0 in CHEM 151 or concurrently and Reading Level 5 and Writing Level 6 and (Math Level 6 or MATH 109 or MATH 112 concurrently)	1 / 3
MATH 121	Precalculus I	(Minimum 2.5 in MATH 109 or MATH 112 within 2 years) OR (SAT Math 550 or ACT Math 22 or CPT College Level Math 55 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
<b>Credits</b>			<b>13 / 15</b>
<b>Semester II Spring</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/Billing Hours</b>
<b>General Education - Area B. English Composition or Communication - <i>Select 1</i></b>			
ENGL 122	Composition II	Minimum 2.0 in ENGL 121 or ENGL 131 or (Reading Level 5 and Writing Level 8)	4 / 4
ENGL 132	Honors Composition II	Minimum 3.5 in ENGL 121 or ENGL 131 or Reading Level 5 and Writing Level 8	4 / 4

<b>Program of Study Requirements</b>			
CHEM 152	General Chemistry Lecture II	Minimum 2.0 in CHEM 151 and (Math Level 7 or MATH 121 or MATH 126 or concurrently) and Reading Level 5 and Writing Level 6	3 / 3
CHEM 162	General Chemistry Lab II	Minimum 2.0 in (CHEM 152 or concurrently) and CHEM 161 and Reading Level 5 and Writing Level 6 and Math Level 7 (or MATH 121 or MATH 126 or concurrently)	1 / 3
MATH 122	Precalculus II	(Minimum 2.0 in MATH 121 within 2 years or Math Level 7 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
<b>Credits</b>			<b>12 / 14</b>
<b>Semester III Summer</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/Billing Hours</b>
<b>General Education - Area F. Social Science - <i>Select 1</i></b> <i>Two Social Science courses are needed, each from a different discipline.</i>			
PSYC 200	Introduction to Psychology	Reading Level 5 or (ENGL 098 or ENGL 099 concurrently)	4 / 4
<b>Program of Study Requirements</b> <i>BIOL 128 also satisfies one of the two courses needed for the General Education - Area E. Natural Sciences requirement.</i>			
BIOL 128	Organismal Biology	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	4 / 6
<b>Credits</b>			<b>8 / 10</b>

Semester IV Fall	Course Title	Prerequisites	Credit/Billing Hours
<b>General Education - Area C. Humanities and Fine Arts - <i>Select 1</i></b> <i>Two Humanities and Fine Arts courses are needed, each from a different discipline.</i>			
HIST 211	U.S. History to 1877	Reading Level 5 and Writing Level 6	4 / 4
HIST 212	U.S. History: 1877 to Present	Reading Level 5 and Writing Level 6	4 / 4
PHIL 152	Introduction to Ethics	Reading Level 5 and Writing Level 6	4 / 4
RELG 150	Intro to World Religions	Reading Level 5 and Writing Level 6 or (ENGL 098 or ENGL 099 concurrently)	4 / 4
<b>General Education - Area F. Social Science - <i>Select 1</i></b> <i>Two Social Science courses are needed, each from a different discipline.</i>			
GEOG 200	World Regional Geography	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	4 / 4
SOCL 120	Introduction to Sociology	Reading Level 5 or (Reading Level 4 and ENGL 099 concurrently)	4 / 4
<b>Program of Study Requirements</b>			
BIOL 127	Cell Biology	(Minimum 2.0 in CHEM 120) or (Minimum 2.0 in CHEM 151 or concurrently) and Reading Level 5 and Writing Level 6 and Math Level 4	4 / 6
CHEM 251	Organic Chemistry Lecture I	Minimum 2.0 in CHEM 151 and Reading Level 5 and Writing Level 6	4 / 4
<b>Credits</b>			<b>16 / 18</b>

Semester V Spring	Course Title	Prerequisites	Credit/Billing Hours
<b>General Education - Area C. Humanities and Fine Arts - <i>Select 1</i></b> <i>Two Humanities and Fine Arts courses are needed, each from a different discipline</i>			
HUMS 213	World Civilizations to 1600	Reading Level 5 and Writing Level 6	4 / 4
HUMS 214	World Civilizations from 1600	Reading Level 5 and Writing Level 6	4 / 4
PHIL 152	Introduction to Ethics	Reading Level 5 and Writing Level 6	4 / 4
RELG 150	Intro to World Religions	Reading Level 5 and Writing Level 6 (or ENGL 098 or ENGL 099 concurrently)	4 / 4
<b>Program of Study Requirements</b>			
CHEM 252	Organic Chemistry Lecture II	Minimum 2.0 in CHEM 251 and Reading Level 5 and Writing Level 6	4 / 4
CHEM 272	Organic Chemistry Laboratory	Minimum 2.0 in CHEM 251 and Reading Level 5 and Writing Level 6	2 / 6
<b>Electives – <i>Select 1</i></b>			
MATH 141	Calculus with Applications	(Minimum 2.5 in MATH 120 or MATH 130 or Minimum 2.0 in MATH 121 within 2 years or Math Level 7 within 2 years) and Reading Level 5 and Writing Level 6	4 / 4
MATH 151	Calculus I	(Minimum 2.0 in MATH 122 or MATH 126 within 2 years or Math Level 9 within 2 years) and Reading Level 5 and Writing Level 6	4 / 4
PHYS 221	Introductory Physics I	Reading Level 5 and Writing Level 6 and (Math Level 9 or minimum 2.0 in MATH 122 or MATH 126 or MATH 141)	4 / 6
<b>Credits</b>			<b>14 / 18-20</b>
<b>Total Credits</b>			<b>63 / 75-77</b>