



## AS 3150 Pre-Health Professions Effective Fall 2020

60 Credits

*This is an overview of the program. Any suggested course sequencing is meant to serve as a guideline for your semester planning. Students are expected to see your assigned advisor to develop and review their individual educational plans. The scheduling of courses, program sequencing and curriculum are subject to change.*

### Developmental Courses (as determined through College Placement Testing) \* and Prerequisites:

\* Zero level courses must be completed with a C grade or higher.

<input type="checkbox"/> ESL classes	<input type="checkbox"/> ENGL 050	<input type="checkbox"/> MATH 006	<input type="checkbox"/> MATH 090 – Fundamentals of Algebra I
<input type="checkbox"/> ENGL 002	<input type="checkbox"/> ENGL 051	<input type="checkbox"/> MATH 070 – Fundamentals of Quantitative Lit	<input type="checkbox"/> MATH 091 – Fundamentals of Algebra II
<input type="checkbox"/> ENGL 003	<input type="checkbox"/> ENGL 057	<input type="checkbox"/> MATH 080 – Fundamentals of Statistics	

\*Dependent upon placement testing and/or high school courses completed, some students may need to take one of more of the following courses as pre-requisite courses to higher level math and science courses: MATH 103, MATH 104, MATH 119, CHEM 100, BIOL 108/111/115. Students must consult with their advisor.

### General Education Courses

<b>AH 140 (FYS)</b>	3 cr	Introduction to Allied Health, satisfies Freshman Year Seminar requirement
<b>ENGL 101</b>	3 cr	Pre-req: Placement through the College Testing and Placement Program or completion of ENGL 007, 051 or 057 with a grade of C or higher; ENGL 003 is a Pre or Co-requisite.
<b>ENGL 102</b>	3 cr	Pre-req: ENGL 101 with a grade of C or higher and completion of ENGL 003, 007, or 057 with a grade of C or higher, or its equivalent.
<b>COMM 101</b>	3 cr	Effective Speaking – Pre-req: eligibility for enrollment into ENGL 101 and completion of any reading courses as required by the College Testing and Placement Program
<b>Humanities and Arts</b>	3 cr	Choose one of the following: ART 181, ART 182, ENGL 206, HUM 101, HUM 115, HUM 201, MUS 104, PHIL 200, THTR 101, OR SPAN 104
<b>PSYCH 101</b>	3 cr	General Psychology – pre-req: completion of developmental reading
<b>MATH 103</b>	3 cr	College Algebra – Pre-req: placement through the College Testing and Placement Program or completion of MATH 033, 044, & 055 (or MATH 051) or MATH 045 with a grade of C or higher
<b>BIOL 121</b>	4 cr	Anatomy & Physiology I - Pre-req: completion of developmental reading and writing; High school academic biology and chemistry or HACC equivalent (BIOL 108/111/115; CHEM 100)
<b>BIOL 122 OR CHEM 101</b>	4 cr	BIOL 122 Anatomy & Physiology II - Pre-req: BIOL 121 with a grade of C or higher. CHEM 101 General Inorganic Chemistry I - pre-req: MATH 103; ENGL 003 and 051 with grades of C or higher; successful completion of (1) High school academic chemistry or (2) CHEM 100 with grade of C or 3) Toledo Chemistry Placement Exam (minimum score of 26)
<b>Wellness</b>	1 cr	See course schedule for a list of Wellness courses

### Required Program Courses

<b>SOCI 201</b>	3 cr	Introduction to Sociology	Pre-req: completion of developmental reading and writing
<b>AH105</b>	3 cr	Medical Terminology	
<b>Program Electives</b>	15 cr		Select 15 credits from this list, consider requirements for the transfer school of your choice:  BIOL 101, 102, 122, 215, 221; CHEM 101, 102, 203, 204; MATH 104, 119, 121, 202; PHYS 201 or 202
<b>Transfer Electives</b>	9 cr		Select 9 credits from this list, consider requirements for the transfer school of your choice:  BIOL 101, 102, 122, 215, 221; CHEM 101, 102, 203, 204; MATH 104, 119, 121, 202; PHYS 201 or 202

**Program (15 credits) and Transfer (9 credits) Options – Select a total of 24 credits:**

<b>BIOL 101</b>	4 cr	General Biology I	Pre-req/Co-req: ENGL 101 and reading ability at the ENGL 003 level; successful completion of High school academic biology or BIOL 111/115 with C grade or higher, High school academic chemistry or CHEM 100 with C grade or higher
<b>BIOL 102</b>	4 cr	General Biology II	Pre-req: BIOL 101
<b>BIOL 122</b>	4 cr	Anatomy & Physiology II	Pre-req: Pre-req: BIOL 121 with a grade of C or higher
<b>BIOL 215</b>	4 cr	Intro to Genetics	Pre-req: BIOL 101 and 102 with grades of C or higher
<b>BIOL 221</b>	4 cr	Microbiology	Pre-req: BIOL 121 OR BIOL 101/111/115 OR CHEM 100
<b>CHEM 101</b>	4 cr	General Inorganic Chemistry I	Pre-req: MATH 103; ENGL 003 and 051 with grades of C or higher; successful completion of (1) High school academic chemistry or (2) CHEM 100 with grade of C or 3) Toledo Chemistry Placement Exam (minimum score of 26)
<b>CHEM 102</b>	4 cr	General Inorganic Chemistry	Pre-req: CHEM 101 with a grade of C or higher
<b>CHEM 203</b>	4 cr	Organic Chemistry I	Pre-req: CHEM 102 with a grade with a C or higher.
<b>CHEM 204</b>	4 cr	Organic Chemistry II	Pre-req: CHEM 203 with (a grade of C or higher.
<b>MATH 104</b>	3 cr	Trigonometry	Pre-req: MATH 091 (or MATH 055 or MATH 051) with grades of C or higher; or Placement through the College Testing and Placement Test
<b>MATH 119</b>	4 cr	Pre-Calculus	Pre-req: MATH 103 and MATH 104 with grades of C or higher; or MATH 121; or Placement through the College Testing and Placement Test
<b>MATH 202</b>	4 cr	Introduction to Statistics	Pre-req: MATH 080 (or MATH 055 or MATH 051) with grades of C or higher; or Placement through the College Testing and Placement Test ENGL 003 and ENGL 051 with grades of C or higher; or Placement through the College Testing and Placement Test.
<b>PHYS 201</b>	4 cr	General Physics I	Pre-req: MATH 104
<b>PHYS 202</b>	4 cr	General Physics II	Pre-req: PHYS 201

**Advising Notes**

Select Program and Transfer Electives appropriate for the transfer institution.

**Recommended Sequence For Full-Time Students**

Part-time students can complete this program by taking one or more courses each semester.

Fall Semester I		Spring Semester I		Fall Semester II		Spring Semester II	
AH 140	3	AH 105	3	BIOL 122 or CHEM 101	4	Program Electives	9
COMM 101	3	BIOL 121	4	Program Elective	3-4	Transfer Elective	3
ENGL 101	3	ENGL 102	3	SOCI 201	3	Wellness	1
MATH 103	3	Humanities/Arts Elective	3	Transfer Electives	6		
Program Elective	3-4	PSYC 101	3	BIOL 122 or CHEM 101	4	Program Electives	9
			3	Program Elective	3-4		

**Counselor/Advisor Contact Information by Campus:**

<b>Gettysburg</b>	<b>Harrisburg</b>	<b>Lancaster</b>	<b>Lebanon</b>	<b>York</b>
Student Services	Counseling and Advising	Counseling and Advising	Receptionist Desk	Counseling and Advising
Lobby	Cooper 219	221 Main	Lobby	Leader Suite 104
717-337-3855	717-780-2498	717-358-2988	717-270-4222	717-801-3213