



Transfer Pathway Planning Guide  
Catalog Year 2024-25

Community College  
WSU College/School  
Major  
Degree/Credits

**Macomb Community College**  
**Eugene Applebaum College of Pharmacy and Health Sciences**  
**Applied Health Sciences Pre-Pharmacy Concentration**  
**Bachelor of Science (BS) / 120 credits**

Achieving your goal of obtaining a four-year degree is attainable through the collaborative effort of Macomb and WSU. Begin your journey by earning an associate degree at Macomb, followed by a seamless transition to Wayne State for the completion of your bachelor's degree. Throughout this academic pursuit, you have the opportunity to embrace the diverse experiences and communities offered by both campuses.

### Macomb Community College

Program/Major (Degree)	Credits (min.)
<a href="#">Associate of Science (AS)</a>	60
<a href="#">Associate of General Studies (AGS)</a>	60

### Michigan Transfer Agreement (MTA) -Satisfies WSU University General Education requirements.

Discipline	Course (specific course required, if listed)	Credits	WSU Equivalent
English Composition	ENGL 1180 Communication 1 (or ENGL 1210)	3-4	ENG 1020
	SPCH 1060 Speech Communication	3	COM 1010
Humanities/Fine Arts	See MTA; approved humanities/fine arts	3	See advisor
<i>Must be from different disciplines</i>	See MTA; approved humanities/fine arts	3	See advisor
Mathematics	MATH 1340 Statistics	4	STA 1020
Sciences	BIOL 1000 General Biology 1	4	BIO 1510/11
	CHEM 1170 General Chemistry 1	4	CHM 1100/30
Social Sciences	See MTA; approved social science	3	See advisor
<i>Must be from different disciplines</i>	See MTA; approved social science	3	See advisor

**TOTAL CREDITS 30-31** (30 minimum)

**Note:** Starting Fall 2024 ENGL 1181 Communications 1 is acceptable for ENGL 1180.

### Required courses

Course	Credits	WSU Equivalent
HHSC 1700 Medical Terminology	3	MLS 3330
CHEM 1180 General Chemistry 2	4	CHM 1140/50
CHEM 2260 Organic Chemistry 1	4	CHM 1240
CHEM 2270 Organic Chemistry Lab	2	CHM 1250/ 2230
CHEM 2280 Organic Chemistry 2	4	CHM 2220
MATH 1760 Analytic Geometry/Calculus 1	4	MAT 2010
PHYS 1180 College Physics 1	4	PHY 2130/31

**TOTAL CREDITS 25**

### Transfer credit summary

	Credits
Michigan Transfer Agreement (MTA)	30-31
Required courses	25
Pathway (see associate degree requirements and/or electives) *	4
<b>TOTAL TRANSFER CREDITS</b>	<b>60-61</b>

\*Some course(s) not included in the pathway may satisfy Wayne State requirements. See advisors for more recommendations or more information.

### Wayne State University

#### Bachelor of Science (BS) in Applied Health Sciences Pre-Pharmacy Concentration

Course	Credit	MCC Course
BIO 2270/2271 Principles of Microbiology and lab	5	BIOL 2730
BIO 2870 Anatomy and Physiology	5	BIOL 2710
CHM 5600 Survey of Biochemistry	3	
AHS 2010 Introduction to Applied Health Sciences	3	
AHS 2020 Applied Health Sciences Communication	3	
AHS 2030 Advanced Statistics for Applied Health Sciences	4	
AHS 3010 Advanced Applied Health Sciences Professions	3	
AHS 3020 Diversity in Applied Health Sciences	3	
AHS 3030 Human Physiology for Applied Health Sciences	3	
AHS 4010 Interprofessional Education in Applied Health Sciences	3	
AHS 4020 Pathophysiology for Applied Health Sciences	3	
AHS 4090 Capstone in Applied Health Sciences	3	
Approved electives (see WSU advisor)	19-29	
<b>TOTAL CREDITS</b>	<b>60</b>	(30 min.)

**Note:** The required minor is satisfied per associate degree. Students must complete a minimum of 30 credits in residence at WSU and 21 credits at the 3000-level or higher (See WSU advisor).

### Wayne State credit summary

	Credits
Major	41
Minor, electives, and/or degree enhancements (see WSU advisor) <ul style="list-style-type: none"> <li>• <a href="#">Mentoring program</a></li> <li>• <a href="#">Honors</a></li> <li>• <a href="#">College Research Day - Research - Wayne State University</a></li> </ul>	19-29
<b>TOTAL WAYNE STATE CREDITS</b>	<b>60</b> (30 min.)
<b>TOTAL WAYNE STATE and TRANSFER CREDITS</b>	<b>120-121</b> (120 min.)

### **Eugene Applebaum College of Pharmacy and Health Sciences**

Admission to one of the professional programs in the College is selective and not guaranteed. Please attend an information meeting to learn about requirements, how admission decisions are made, and how to be a competitive applicant.

Information meetings are designed to help prospective students answer questions about the educational opportunities available in the Eugene Applebaum College of Pharmacy and Health Sciences. They are held the first Tuesday of each month at 6 p.m. [Wayne State University - Eugene Applebaum College of Pharmacy and Health Sciences](#)

### **Wayne State electives and/or degree enhancements**

Consider electives additional opportunities for you to gain marketable skills like critical thinking, leadership and communication. These skills build a strong foundation for long-term career success.

Defined broadly, career learning includes, but is not limited to, the following:

- Interdisciplinary project-based learning and field work
- Internships, micro-externships, and co-ops
- Global experiences/education abroad
- Community service learning
- Team-based solutions, oriented experiences
- Research in the field and in lab settings
- Alumni and professional mentoring, job shadowing and other developmental experiences
- Entrepreneurship and other business development opportunities

### **Notes**

- You can review how all courses transfer using the [course equivalency tool](#). For a self-service, customized WSU degree audit, please visit <https://wayne.edu/transfer/tess>
- Wayne State requires a minimum of 30 credits in residency.
- The pathway allows multiple associate degree options with the flexibility to customize your degree path. The minimum eligibility to participate in the Wayne State Transfer Pathways is a cumulative GPA of 2.5 or above, Michigan Transfer Agreement (MTA), and an associate degree (earned or Reverse Transfer). See [transfer credit guidelines](#).
- All college-level (non-developmental), non-duplicated courses with a 2.0 (C) grade point average (GPA) or above will be considered for transfer credit. Earned credit will transfer as 1) direct course equivalency, 2) major/department credit, or 3) elective credit. Credits not earned at Macomb will need to be taken at WSU.
- These pathways do not replace the importance of Macomb and Wayne State academic advising. The pathway provides a general roadmap to degree completion.