



WAYNE STATE  
UNIVERSITY

## Transfer Student Success Center Transfer Planning Guide

Physics – B.A. or B.S. Degree  
College of Liberal Arts and Sciences  
[clas.wayne.edu/physics](http://clas.wayne.edu/physics) (313) 577-2721



Wayne  
County  
Community  
College  
District

### Transfer Planning Guide

This transfer planning guide provides a general overview and best advice, as well as links to other resources for transfer success. This guide is intended for planning purposes and not intended to list all transfer course options or replace an official plan of study.

### College of Liberal Arts and Sciences Requirements

<b>University General Education</b>	Can be satisfied by the Michigan Transfer Agreement (MTA)
<b>Must complete a minor</b>	Students must complete a university-approved minor, which may be taken in the College of Liberal Arts and Sciences or any other WSU school or college. The minor requirement is waived for students who complete a second major, a double major, a concurrent degree, a dual degree, or a second degree.
<b>Foreign language</b>	All students in the College of Liberal Arts and Sciences must successfully demonstrate language proficiency equivalent to the two-course sequence in a single foreign language. Proficiency is demonstrated by completing courses numbered 1010 and 1020 in one of the following subject area codes: ARB, ARM, CHI, FRE, GER, GKA, GKM, HEB, ITA, JPN, LAT, POL, RUS, SPA, SWA, and UKR. Two semesters of American Sign Language will also count as fulfilling the foreign language requirement.
<b>Major</b>	Specific course requirements for majors are listed in the <a href="#">Undergraduate Bulletin</a> under each of the Departments or areas of the College. Students must complete all courses in their majors with a min 2.0 GPA overall average.

### Major Requirements

These courses are required for your major program of study.

WSU Course	WCCCD Course
PHY 2170 (NSI) + 2171 (LB)	PHY 265
PHY 2180 + 2181	PHY 275
MAT 2010 (QE)	MAT 171
MAT 2020 (QE)	MAT 172
MAT 2030	MAT 271
MAT 2150	MAT 273
CHM 1220 (NSI) + 1230 (LB)	CHM 136

### *Additional requirements for Biomedical Physics Option*

WSU Course	WCCCD Course
BIO 1500 (NSI)	BIO 165+175
BIO 1510 (NSI) – includes lab	BIO 155
<b>2 Additional Biology Courses:</b>	
BIO 2200 (NSI) – includes lab	BIO 295
BIO 2870	BIO 240+250
CHM 1240 + 1250	CHM 250+255
CHM 2220 + 2230	CHM 252+255

### ***Additional requirements for Astrophysics Option***

<b>WSU Course</b>	<b>Macomb Course</b>
AST 2010 (NSI) +2011 (LB)	AST 101

### **Advising**

For general questions about transferring credits, application processes, transfer pathways, scholarships, and the Michigan Transfer Agreement, [schedule an appointment](#) with a transfer advisor. You can also email [transfer@wayne.edu](mailto:transfer@wayne.edu) or discover more at [wayne.edu/transfer](http://wayne.edu/transfer). For detailed, specific questions about the major, [email or schedule an appointment](#) with a Physics advisor.

### **Transfer Credit Resources**

- **Transfer Equivalency Self-Service**: This tool displays how your earned credits will transfer into specific Wayne State degree programs. This tool provides an unofficial degree audit that indicates how your transfer credit is applied and which courses are still required to complete the degree.
- **Transfer Pathways**: The transfer pathways are agreements with Michigan community colleges that streamline the transfer credit process while providing a roadmap to earning your associate and bachelor's degrees.
- **Transfer Course Equivalency**: This tool allows you to research specific courses and how they transfer to Wayne State.
- **Michigan Transfer Agreement (MTA)**: The MTA can be earned at any Michigan community college to satisfy the Wayne State general education requirements. Each community college has an MTA-approved course list of its own, so please refer to the list of courses that your respective community college has approved for MTA.

### **Understanding Transfer Credit**

- **What will transfer?** All college-level classes from regionally accredited colleges with a grade of 2.0 (C) or above will transfer. There are no specific limits to the number of transfer credits. However, each academic program has specific requirements that must be satisfied which helps determine the best number of credits to transfer.
- **How will it transfer?** Courses transfer as the number of credits earned at the college where you took the class. This is true regardless of the number of credits the Wayne State equivalent course is worth. Each transferred course will match one of the following types of credits:
  - **Equivalent credit** – matches a specific WSU course.
  - **Department credit** – transfer into the academic department without a specific WSU course match.
  - **Elective credits** – transfer as general or elective credit (GEN 1XXX or GEN 2XXX).

### **Transfer Admissions Requirements**

To transfer to Wayne State, you must have at least 24 transferable credits of previous college work and a minimum 2.5 cumulative GPA from all higher education institutions you have attended. If you have completed an associate degree, you may be admitted with a cumulative GPA of 2.0 or better. Visit [wayne.edu/apply](http://wayne.edu/apply) to complete the university application.

**\*\* This plan is for informational purposes only. The University reserves the right to update this plan at any time without notice\*\***

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