



This transfer plan will help guide you in making the transition from community college to Wayne State University. **WSU strongly recommends that all transfer students meet with a WSU advisor in order to ensure you are taking the correct courses before transferring.** Here’s the advisor contact information to set up an appointment:

- Biomedical Engineering: Namrata Murthy nmurthy@wayne.edu
- Chemical Engineering: Tracy Castle tfcastle@wayne.edu
- Civil Engineering: Elizabeth Hill ekondrat@wayne.edu
- Electrical Engineering: Emily Reetz ereetz@wayne.edu
- Industrial Engineering: Gail Evans gevans@wayne.edu
- Mechanical Engineering: Keith Wadley keith.wadley@wayne.edu
- Undecided: Casey Rue crue@wayne.edu

One of the main areas of focus for transfer students is the WSU **General Education Requirements**. These are classes in addition to courses within your major that are required to ensure fundamental skills and a well-rounded education. There are two ways that transfer students can meet these requirements:

Michigan Transfer Agreement (MTA)

A student whose community college transcript is endorsed as "MTA satisfied" has completed WSU's General Education Requirements. See here for specific MTA information and courses that qualify for MTA:
<https://catalog.hfcc.edu/degrees/gen-ed>

Direct Course Equivalencies for each category

- If you do not have an MTA endorsement, you can transfer the courses below to meet each requirement.
- Choose **one** from each category **except** for the Natural Scientific Inquiry, which requires **two** courses.
- Courses with an **asterisk (*)** fall under more than one category, but these courses will fulfill only one category that would benefit the student most.

Basic Composition (BC)	Fulfilled by degree requirements on page 2
Intermediate Composition (IC)	Fulfilled by degree requirements on page 2
Oral Communication (OC)	Fulfilled by degree requirements on page 2
Quantitative Experience (QE)	Fulfilled by degree requirements on page 2
Civic Literacy (CIV)	HIST 151*, HIST 152*, POLS 101*, 131*
Global Learning Inquiry (GL)	ANTH 152*, ARA 231, FRE 231, GER 231, HIST 111*, 112*, 261*, HUM 101*, MUS 132*, SPN 231, WR 233*
Natural Scientific Inquiry (NSI) - Choose 2 <small>Note: One of the two required NSI courses must contain a laboratory section (See the courses that are <u>underlined</u>).</small>	Fulfilled by degree requirements on page 2
Cultural Inquiry (CI)	Fulfilled by degree requirements on page 2
Social Inquiry (SI)	Fulfilled by degree requirements on page 2
Diversity, Equity and Inclusion Inquiry (DEI)	ANTH 152*, ART 226, MUS 133, PHIL 138*, SOC 151*, 251, WR 233*

In addition to completing WSU’s general education requirements, students must fulfill requirements for the college/major of interest below (**no more than 64 credits from a two-year school will apply toward a Wayne State University degree**):

Bachelors of Science degree requirements for the following Majors are indicated with an 'X':

- Biomedical Engineering (BME)
- Chemical Engineering (CHE)
- Civil Engineering (CE)
- Electrical and Computer Engineering (ECE)
- Industrial and Manufacturing Engineering (IE)
- Mechanical Engineering (ME)

Wayne State University			HFC		Degree Requirements					
Title	WSU Course	Cr.	Course	Cr.	BME	CHE	CE	ECE	IE	ME
Calculus I (QE)	MAT 2010	4	MATH 180	4	X	X	X	X	X	X
Calculus II (QE)	MAT 2020	4	MATH 183	4	X	X	X	X	X	X
Calculus III	MAT 2030	4	MATH 280	4	X	X	X	X	X	X
Linear Algebra and Differential Equations	MAT 2150 (or 2250+2350)	4 (6)	MATH 283+288	7	X	X	X	X	X	X
General Physics I (NSI)	PHY 2175	4	PHYS 231	5		X	X	X	X	X
General Physics II	PHY 2185	4	PHYS 232	5	X	X	X	X	X	X
General Physics I + Lab (NSI)	PHYS 2175/2171	5	PHYS 231	5	X	X	X	X		
Principles of Chemistry I (NSI)	CHM 1225/1230	4	CHEM 141	4	X	X	X	X	X	X
Organic Chemistry I	CHM 1240/1250	5	CHEM 241+243	6	X	X				
Organic Chemistry II	CHM 2225	3	No equivalent	4		X				
Basic Biology I (NSI)	BIO 1510	3	BIO 152	4	X	X	X			
Microeconomics (SI) or Macroeconomics (SI)	ECO 2010 or ECO 2020	4	BEC 152 or BEC 151	3		X	X	X	X*	X
Intro. College Writing (BC)	ENG 1020	3	ENG 131	4 or 3	X	X	X	X	X	X
Tech. Comm I: Rpts (IC)	ENG 3050	3	ENG 135	3	X	X	X	X	X	X
Tech. Comm II: Prsnt (OC)	ENG 3060	3	No equivalent course at HFC - must be taken at WSU	3	X	X	X	X	X	X
Professional Ethics (CI)	PHI 1120	3	No equivalent course at HFC - must be taken at WSU	3		X	X	X	X	X
Basic Engineering I	BE 1200	3	ENGR 130	3		X	X	X	X	X

*IE requires ECO 2010.

Once students apply to the College of Engineering, they may be admitted to the Professional Engineering program, the Pre-professional Program, or EOS bridge program, depending on their educational background and placement examination results.

Please see here for more information: <https://wayne.edu/students/majors/engineering/>

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

11/27/2019 AJEO