



**Michigan Transfer Agreement (effective fall 2014 and later):**

A student whose community college transcript is endorsed as "MTA satisfied" has satisfied WSU's General Education Requirements and will only be required to satisfy one of either a second course in English Composition or one course in Communications.

This agreement applies only to the general education program and does not exempt students from meeting requirements of their major, minor, or program. To determine if any requirements of your intended major or program might also satisfy an MTA requirement please refer to the [WSU bulletin](#)

Visit [our website](#) for more details about the Michigan Transfer Agreement.

<p><b>One Course in English Composition</b></p> <p><b>A second course in English Composition or Communication</b>          (Only one is required to satisfy MTA, BOTH are required to meet WSU General Education Requirements)</p>	<p>ENG 131 or 132</p> <p>ENG 201, 232, COM 231, 240, 250</p>
<p><b>One course in Mathematics</b></p>	<p>MAT 133, 135, 139, 141, 151, 154, 251, 254</p>
<p><b>Two courses in Social Sciences from different disciplines</b></p>	<p>ANT 131          CRJ 111, 117          ECN 231, 232          GEO 131, 132          HIS 231, 232, 235          PSY 140, 152, 245, 251, 252, 290          PLS 141          SOC 117, 152, 231, 235, 236, 246</p>
<p><b>Two courses in Humanities and Fine Arts from different disciplines</b></p>	<p>ART 111, 112          ENG 210, 236, 246, 247, 249, 252, 254, 255, 256, 257          FRN 131, 132          GER 131, 132          HIS 120, 131, 132          HUM 131          MUS 130, 131, 132, 151, 152          PHL 231, 232, 243          SPN 131, 132, 231, 232          THR 116</p>
<p><b>Two courses in Natural Sciences (one lab science required) from two disciplines</b></p>	<p>BIO 110, 132, 140, 158, 161, 162, 220, 231, 232, 253, 254          CEM 131, 132, 141, 142          GEL 109, 160          NSC 131          PHY 131, 150, 151, 231, 232, 251, 252</p>
<p><b>Additional courses in any category above to satisfy the minimum of 30 credits</b></p>	

## MACRAO Agreement:

Students who started at a community college prior to Fall 2014 will have until the end of August 2019 to have their transcripts evaluated by a community college for the MACRAO agreement. Wayne State University will continue to accept the MACRAO agreement with the following provisos:

- Students will be required to satisfy the University's mathematics General Education requirement, which can be accomplished by completion of a college-level math course with a minimum grade of 2.0/C, or appropriate scores on standardized tests (CLEP, Advanced Placement, ACT Math test, or Math Qualifying Exam.) College-level math is a course considered College Algebra or higher.
- Students must also satisfy all College requirements for their specific programs.

To qualify for the MACRAO General Education Transfer Agreement benefits, you must have a MACRAO certified transcript OR an Associate of Arts (A.A.) OR Associate of Science (A.S.) OR Associate of Baccalaureate Studies (A.B.S.) OR Associate of Liberal Arts (A.L.A.). The courses that will be covered or waived with this agreement are shaded. Anything not shaded are classes that still must be completed for your major.

## University General Education Requirements:

<b>Basic Composition (BC)</b>	ENG 131, 201
<b>Intermediate Composition (IC)</b>	ENG 132
<b>Writing Intensive (WI)</b>	Must be taken at WSU.
<b>Critical Thinking (CT)</b>	COM 233, PHL 232
<b>Mathematics (MC)</b>	Effective Fall 2016, the Math Competency Requirement has been temporarily suspended for all undergraduate students.
<b>Oral Communication (OC)</b>	COM 231, 234
<b>American Society and Institutions (AI)</b>	PLS 141
<b>Foreign Culture (FC)</b>	SPN 231
<b>Historical Studies (HS)</b>	HIS 120, 131, 132, 235
<b>Life Sciences (LS)</b> <small>Note: One Life Science (LS) or Physical Science (PS) course must include a laboratory (LB). Courses that include a laboratory are indicated with an asterisk.</small>	BIO 110*, 131*, 220* PSY 140
<b>Physical Sciences (PS)</b> <small>Note: One Life Science (LS) or Physical Science (PS) course must include a laboratory (LB). Courses that include a laboratory are indicated with an asterisk.</small>	Fulfilled by Major Requirements on page 3.
<b>Philosophy and Letters (PL)</b>	ENG 246, 247, 249, 252, 255, 256, 257, HUM 131 PHL 231, 236, 243
<b>Social Sciences (SS)</b>	ANT 131, ECN 231, 232, GEO 132, SOC 152, 231
<b>Visual and Performing Arts (VP)</b>	ART 111, 112, ENG 210, MUS 130, 131, 132, THR 116

## College of Liberal Arts and Sciences Requirements:

<b>Civilization &amp; Societies (CS)</b>	Must be taken at WSU.
<b>Third Course in Natural Science</b>	Fulfilled by Major Requirements on page 3.
<b>Completion of one foreign language through the third semester</b>	SPN 231
<b>A second Social Science course</b>	ANT 131, ECN 231, 232, GEO 132, SOC 152, 231

## **Major Requirements:**

<b>WSU Course</b>	
PHY 2170 (PS) + 2171 (LB)	PHY 251
PHY 2180 + 2181	PHY 252
MAT 2010 (MC)	MAT 151
MAT 2020 (MC)	MAT 154
MAT 2030	MAT 251
CHM 1220 (PS) + 1230 (LB)	CEM 141

### ***Additional requirements for Pre-Medical Physics Option***

<b>WSU Course</b>	
BIO 1500	BIO 161
BIO 1510 (LS) + (LB)	BIO 131
<b><i>2 Additional Biology Courses:</i></b>	
BIO 2200 (LS) + (LB)	BIO 220
BIO 2870	BIO 253+254
CHM 1240 + 1250	CEM 241
CHM 2220 + 2230	CEM 242

### **This plan is based on the 2014-2015 Jackson College Catalog and the Wayne State University 2013-2015 Undergraduate Bulletin.**

This plan is a guide for students who wish to begin their coursework at Jackson College and transfer into the Physics program offered by the College of Liberal Arts and Sciences at Wayne State University.

No more than 64 hours from a two-year school will apply toward a Wayne State University degree, though all earned hours which transfer will be listed on the Wayne State University student record.

Please see an academic advisor at Wayne State University for a complete major plan. Information about Wayne State University is available at [www.wayne.edu](http://www.wayne.edu) or may be requested by calling 1-877-WSU INFO (1-877-978-4636).