



**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>EN 100 or 101</p> <p>EN 102</p>
<p><b>One course in Mathematics</b></p>	<p>MA 108, 110, 124, 127, 129, 131, 133, 134, 210, 211, 215, 245, 255, 257</p>
<p><b>Two courses in Social Sciences from different disciplines</b></p>	<p><b>PS 110*</b>          CJ 110, 111, 140, 237          EC 251, 252          AN 201, 205, 210, 280, 285          HS 101, 102, 120, 121, 215, 225, 230, 239, 240, 242, 249, 250, 251, 260, 281, 290          GE 132, 135, 140, 210, 253, 281          GO 203, 261, 262, 263          PY 201, 203, 231, 232, 233, 234, 251, 260, 263          SO 251, 254, 260, 265, 270          SW 102, 103          SUS 201</p>
<p><b>Two courses in Humanities and Fine Arts from different disciplines</b></p>	<p>AT 105, 106, 270, 271          COM 131, 135, 232, 235, 236, 240, 250          EN 233, 235, 237, 242, 246, 247, 248, 250, 251, 252, 261, 262, 270, 271, 272, 275, 278, 281, 282, 284          ARA 101, 102, CHI 101, 102, FR 101, 102, 231, 232, GR 101, 102, 231, 232, SP 101, 102, 231, 232          HU 204, 205, 210, 219, 240, 245, 273, 274, 281          MUS 110, 111, 251, 252, 253          AR 111          PL 201, 202, 205, 206, 207, 209, 212          PO 105          SL 150, 155, 171, 172          TH 248</p>
<p><b>Two courses in Natural Sciences (one lab science required) from two disciplines</b></p>	<p>AS 103, 106, 108          BI 101, 117, 121, 122, 125*, 127, 151, 152, 153, 154, 215, 232*, 240*          CHM 110, 120, 130, 131, 140, 141, 150, 151, 160, 161, 210, 230, 231, 240, 250, 251, 260, 261, 270, 271, 280, 290          GE 132          GL 101, 104, 105, 111          PH 115, 125, 126, 245, 246          PC 101, 111, 141, 151</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>	EN 100, 101
<b>Intermediate Composition (IC)</b>	EN 102, 233, 235, 237, 278
<b>Writing Intensive (WI)</b>	Must be taken at WSU.
<b>Critical Thinking (CT)</b>	COM 227, PL 202
<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 131
<b>American Society and Institutions (AI)</b>	PS 110
<b>Foreign Culture (FC)</b>	FR 231, GR 231, SP 231
<b>Historical Studies (HS)</b>	HS 101, 102, 120, 121
<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>	Fulfilled by Major Requirements on page 3.
<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>	EN 252, 261, 262, 270, 281, 282, PL 201, 205, 206, 207
<b>Social Sciences (SS)</b>	AN 210, EC 251, 252, GE 135, 281, HS 281, SOC 251, 254, WST 200
<b>Visual and Performing Arts (VP)</b>	AT 105, 106, HU 204, 205, 273, 274, MU 107, 109, TH 248

## 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>	FR 231, GR 231, SP 231
<b>A second Social Science course</b>	AN 210, EC 251, 252, GE 135, 281, HS 281, SOC 251, 254, WST 200

## **Major Requirements:**

<b>WSU Course</b>	
PHY 2130 (PS) + 2131 (LB)	PH 125
PHY 2140 + PHY 2141	PH 126
OR	
PHY 2170 (PS) + 2171 (LB)	PH 245
PHY 2180 + 2181	PH 246
<b><i>Cognate Requirements:</i></b>	
MAT 1800 (MC)	MA 108+110 or 131
MAT 2010 (MC)	MA 133
MAT 2020	MA 134
CHM 1220 (PS)+ 1230 (LB)	CHM 130+131
CHM 1240 + 1250	CHM 260+261
CHM 2220 + 2230	CHM 270+271
BIO 1500	BI 152
BIO 1510 (LS) + (LB)	BI 151
<b><i>4 Science Electives:</i></b>	
<i>At least one must be in the field of Biology.</i>	
BIO 2200 (LS) + (LB)	BI 127
BIO 2870	BI 121+122
MAT 2030	MA 255
MAT 2350	MA 257

### **This plan is based on the 2014-2015 Grand Rapids Community 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 Grand Rapids Community College and transfer into the Biomedical 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).