



**Wayne State University**  
**Transfer Plan for Macomb Community College**  
**Biochemistry and Chemical Biology – B.S. Degree**  
**College of Liberal Arts and Sciences**

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The following plan is a guide for students who wish to begin their coursework at Macomb Community College and transfer into the Biochemistry and Chemical Biology 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 note that certain programs in the College of Liberal Arts and Sciences recommend specific courses to fulfill General Education requirements.

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).

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**Major Requirements:**

WSU Course	Macomb Course	Credit Hours
<b>Major Requirements:</b>		
CHM 1220 (PS) & CHM 1230 (LB)	CHEM 1170*	4
CHM 1240 & CHM 1250	CHEM 2260 + 2270	6
CHM 2220 & CHM 2230	CHEM 2280 (Does not include lab)	4
Other required CHM courses at WSU.		
PHY 2170 (PS) & 2171 (LB)	PHYS 2220*	5
PHY 2180 & 2181	PHYS 2230	5
MAT 2010 (MC)	MATH 1760	4
MAT 2020 (MC)	MATH 1770	4
BIO 1510 (LS) + (LB)	BIOL 1000*	4
BIO 2200 (LS) + (LB)	BIOL 2400*	4

\*Laboratory (LB) included with these courses.

See WSU's current bulletin for Wayne State specific requirements (<http://bulletins.wayne.edu/>).

## University General Education Requirements:

These must be met in order to earn a degree at Wayne State University, regardless of college or major. Wayne State University's General Education requirements are divided into two categories: Competency Requirements and Group Requirements. No more than two Group Requirements may be satisfied by courses in the same Wayne State University department. Credit hours for each course are listed in parentheses following the course number. Unless otherwise noted, please select one course to fulfill each requirement. If two courses are listed together with a "+" sign, then **both** courses are required to fulfill the single requirement.

General Education Competency Requirement (Completed within first 60 credit hours of college course work) Requirements with a checkmark (✓) may be fulfilled with a competency exam.	Macomb Community College Course
<b>Basic Composition (BC)</b>	ENGL 1180 (4), 1210 (3)
<b>Intermediate Composition (IC)</b>	ENGL 1190 (4), 1220 (3), 2600 (3), 2610 (3)
<b>Writing Intensive (WI)</b>	Must be taken at WSU.
<b>Computer Literacy (CL)✓</b> <u>Note:</u> Courses with (NC) fulfill Computer Literacy but no credit transfers.	ITCS 1010 (4), 1130 (3), 1230 (4), 1400 (4), 2530 (4), 2550 (3), 2590 (4) ITML 1000 (NC) ITWP 1000 (3)
<b>Critical Thinking (CT)✓</b>	PHIL 2200 (3) SPCH 2500 (3)
<b>Mathematics (MC)✓</b>	Fulfilled by above requirements.
<b>Oral Communication (OC)✓</b>	SPCH 1060 (3)

General Education Group Requirement	Macomb Community College Course
<b>American Society and Institutions (AI)</b>	HIST 2360 (3) POLS 1000 (4)
<b>Civilizations and Societies (CS)</b>	Must be taken at WSU.
<b>Foreign Culture (FC)</b> <u>Note:</u> Completion of one foreign language through the third semester is required for all programs in the College of Liberal Arts and Sciences with the exception of a Bachelor of Public Affairs.	FREN 2360 (4) GRMN 2360 (4) ITAL 2360 (4) SPAN 2360 (4)
<b>Historical Studies (HS)</b>	ANTH 2220 (4) HIST 1500 (4), 1600 (4), 1700 (3), 2000 (3), 2650 (3)
<b>Life Sciences (LS)</b> <u>Note:</u> One Life Science (LS) or Physical Science (PS) course must include a laboratory (LB). Courses that include a laboratory are indicated with an asterisk.	Fulfilled by above requirements.
<b>Philosophy and Letters (PL)</b>	ENGL 1730 (3), 2510 (3), 2520 (3), 2710 (3), 2720 (3) 2730 (3), 2800 (3), 2810 (3), 2850(3) HUMN 1750 (3) PHIL 2010 (3), 2100 (3), 2120 (3)

<p><b>Physical Sciences (PS)</b>  <b>Note:</b> One Life Science (LS) or Physical Science (PS) course must include a laboratory (LB). Courses that include a laboratory are indicated with an asterisk.</p>	<p>Fulfilled by above requirements.</p>
<p><b>Third Course in Natural Science</b></p>	<p>Fulfilled by above requirements.</p>
<p><b>Social Sciences (SS)</b>  Choose <i>two</i> courses.</p>	<p>ANTH 1000 (4)  ECON 1160 (3), 1170 (3)  GEOG 2000 (4)  SOCY 1010 (4), 1100 (3)</p>
<p><b>Visual and Performing Arts (VP)</b></p>	<p>ARTT 1610 (3), 2610 (3), 2620 (3)  HIST 2330 (3)  HUMN 1210 (3), 1300 (4), 1460 (3), 1472 (3), 1473 (3),  1474 (3), 1476 (3), 1479 (3)  MUSC 1030 (3)</p>

*Bilingual students:* The Foreign Language group requirement in the College of Liberal Arts and Sciences will be considered satisfied for students who were born in and completed their secondary education in a country whose language is not English. However, no credit (through course work or by examination) will be granted for elementary- or intermediate-level courses in that language. Bilingual students who satisfy the Foreign Language Group Requirement in this manner will simultaneously fulfill the University General Education Requirement in Foreign Culture.

**This plan is based on the Macomb Community College 2011-2012 Catalog and the Wayne State University 2011-2013 Undergraduate Bulletin.**

For more information regarding Wayne State's MACRAO General Education Policy, please visit:  
<http://www.advising.wayne.edu/req/transpol.php>

*For more information, please contact:*

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