

  
**LAWRENCE**  
 TECHNOLOGICAL  
**UNIVERSITY®**  
**ARTICULATED TRANSFER PLAN**

**Henry Ford Community College – Associate in Chemistry**  
**LTU – Bachelor of Science in Chemistry**  
 Based on HFCC 2005-2006 Catalog and LTU 2005-2007 Catalog

**Henry Ford Community College Courses:**

**Transfer to LTU as:**

<b>Degree Requirements</b>	
<b>Required Core Courses ..... (25 credits)</b>	
CHEM 141- Prin. Of Gen/ Inorganic Chem. 1 ..... 5	CHM 1213 + 1221 Univ. Chem. 1 + Lab .....4
CHEM 142- Prin. Of Gen./Inorganic Chem. 2 ..... 5	CHM 1223 + 1223 Univ. Chem. 2 + Lab .....5
CHEM 241- Organic Chemistry 1.....4	CHEM 2313 Organic Chemistry 1.....3
CHEM 242- Organic Chemistry 2.....4	CHEM 2323 + 2332 Organic Chem. 2 + Lab.....5
CHEM 243- Organic Chemistry Lab.....2	See Above
MATH 180- Calculus 1.....5	MCS 1414 Calculus 1.....4
<b>Elective Courses ..... (12-18 credits)</b>	
Select 12-18 credits from the following: ..... 12	
MATH 183 Calculus 2.....5	MCS 1424 Calculus 2.....4
MATH 280 Calculus 3.....5	MCS 2414 Calculus 3 .....4
PHYS 231 Engineering Physics 1.....5	PHY 2413 + 2421 Univ. Physics 1 + Lab .....4
PHYS 232 Engineering Physics 2.....5	PHY 2423 + 2423 Univ. Physics 2 + Lab.....4
BIO 152 Biology: Cells & Molecular Biology.....OR.....4	General Elective.....4
BIO 150 Biology: Organisms, Genes & Ecology.....4	See Above
CHEM 244 Organic Chemistry Lab 2.....2	General Elective.....2
<b>American Society Events, Inst. Cultures (Select One).3</b>	
ENG 235 American Lit Before 1900 OR	ENG 235- LLT 1213 World Masterpieces 1 .....3
ENG 236 American Autobiography OR	ENG 236- LLT 1223 World Masterpieces 1.....3
CRJ 131 Intro to Law Enforcement OR	CRJ 131- No Equivalent
POLS 131 Intro to American Government OR	POLS 131- SSC 2413 Found. Of American Exp.....3
SOC 131 Intro to Sociology	SOC 131- SSC 2413 Found. Of American Exp.....3
<b>Info. Literacy/ Written Com. .... (Two Courses) ..... 6</b>	
ENG 131 English Composition.....3	COM 1103 English Composition.....3
ENG 132 or 135 Eng. Comp. 2 Or Bus/ Tech Writing.....3	COM 2103 Tech. & Prof. Com
<b>Humanities/ Social Science Courses ..... 9</b>	
<b>Humanities Course</b> (Select One if ENG 235 or 236 was selected in American Society requirement, select two otherwise from the following): <b>See HFCC MACRAO List for transferable courses.</b>	
	LLT 1213 World Masterpieces 1.....3
	LLT 1223 World Masterpieces 2.....3
<b>Social Science Courses</b> (Select One if POLS 131, CRJ 131 or SOC 131 was selected in American Society requirement, select two otherwise from the following): <b>See HFCC MACRAO List for transferable courses.</b>	
	SSC 2413 Foundation of American Exp.....3
	SSC 2423 Development of American Exp.....3

**NOTE: See an HFCC counselor for transfer information.**



## ARTICULATED TRANSFER PLAN

**Oakland Community College- Associate in Science  
 LTU – Bachelor of Science in Chemistry  
 Based on HFCC 2005-2006 Catalog and LTU 2005-2007 Catalog**

### Henry Ford Community College Courses:

### Transfer to LTU as:

<p><b><u>Additional Courses @ HFCC</u></b>          MATH 289 Diff. Equations.....4          Social Science Course from above.....3</p> <p><b>COM 1001 (University Seminar) Satisfied from transfer credit.</b></p> <p><b><u>Completion of the BSChem at LTU :</u></b>          Note: A maximum of 68 credits may be transferred from community colleges.</p> <p><b><u>Chemistry Core (37 credit hours):</u></b></p> <p>CHM 2342+ 2352 Analytic Chem. 1 + Lab ..... 4          CHM 3403 Biochemistry ..... 3          CHM 3423 Physical Chemistry 1 ..... 3          CHM 3434 Physical Chemistry 2.....4          CHM 3452 Intermediate Inorganic Chemistry.....2          CHM 3442 Physical Analytic Lab 1.....2          CHM 3463 Advanced Synthetic Lab.....3          CHM 4522 Advanced Specialization.....2          CHM 4632 Instrument Analytic Lab.....2          CHM 4543 Physical Analytic Lab 2.....3          CHM 4643 Advanced Inorganic Chemistry.....3          CHM 4723 Advanced Organic Chemistry.....3          CHM XXX3 Chemistry Elective.....3</p>	<p>MATH 2423 Diff. Equations.....3          Social Science Elective.....3</p> <p><b><u>Completion of the BSChem at LTU:</u></b></p> <p><b><u>Additional Arts &amp; Science Courses (8 credit hours):</u></b></p> <p>MCS 1142 Intro to C .....2          LLT Jr./Sr. Elective.....3          PSY/ SSC Jr./Sr. Elective.....3</p> <p><b><u>General Electives (10 credit hours)</u></b></p> <p><b>Maximum Transferable HFCC Credits ..... 68</b>  <b>Minimum Credits at LTU ..... 55</b>          **Minimum credits to Graduate 123**</p>
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