

LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE
NORTHWESTERN MICHIGAN COLLEGE

Major: **CHEMISTRY / ENVIRONMENTAL CHEMISTRY**

Valid For: **Lawrence Technological University 2008-2009 Catalog**
Northwestern Michigan College 2009-2011 Catalog

Northwestern Michigan College	Lawrence Technological University
Courses Required	Equivalencies
Natural Sciences Courses	
CHM 150 + 150R	CHM1213 UNIV CHEM 1 CHM1221 UNIV CHEM 1 LAB
PHY 221 + 221R	PHY2413 UNIV PHYSICS 1 AND PHY2421 UNIV PHYSICS 1 LAB
PHY 222 +222R	PHY2423 UNIV PHYSICS 2 AND PHY2431 UNIV PHYSICS 2 LAB
Mathematics	
MTH 141	MCS1414 CALC 1
MTH 142	MCS1424 CALC 2
MTH 241	MCS2414 CALC 3
Communications	
ENG 111 or 112	COM1103 ENG COMP
NO EQUIVALENT	COM2103 TECH & PROF COMM
Humanities	
Select Two Courses: ART 100, 111, 112, 116, ENG 221, 240, 241, 242, 254, 256, 261, 262, 263, 264, 265, 271 HUM 101, 102, 111, 112, MUS 110, 111, PHL , 181, 182	Humanities Courses 6 Credit Hours Required
Select Two Courses: GEO 101, 105, 108, 109, 110, HST 101, 102, 111, 112, 211, 212, 213, 225, 228, 230, 235, PHL 101, 105, 121, 122, 201, 202, 222, HUM 116 PLS 101, 132, 211, 221 SOC 101, 113, 201, 211, 220, 231 PSY 101, 211. 221, 223, 225, 231, 250	Social Science Courses 6 Credit Hours Required
Select one additional course different from above selections: GEO 101, 105, 108, 109, 110, HST 101, 102, 111, 112, 211, 212, 213, 225, 228, 230, 235, PHL 101, 105, 121, 122, 201, 202, 222, HUM 116 PLS 101, 132, 211, 221 SOC 101, 113, 201, 211, 220, 231 PSY 101, 211. 221, 223, 225, 231, 250	ONE ADDITIONAL SOCIAL SCIENCE COURSE

Additional Transferable Courses

CHM 151 + 151R	CHM1223 UNIV CHEM 2 CHM1232 UNIV CHEM 2 LAB
CHM 250 + 250L CHM 251 + 251L	CHM 2313 ORGANIC CHEM 1 CHM 2323 ORGANIC CHEM 2 CHM 2332 ORGANIC CHEM LAB
MTH 251	MCS2423 DIFFERENTIAL EQUATIONS
17 SEMESTER HOURS OF COLLEGE LEVEL COURSEWORK (CHEM MAJORS ONLY)	OPEN ELECTIVES (17 SEM HOURS)
3 SEMESTER HOURS OF COLLEGE LEVEL COURSEWORK (ENVIRONMENTAL CHEM MAJORS ONLY)	OPEN ELECTIVES (3 SEM HOURS)

PLEASE NOTE:

- General Education requirements may be waived by one of the following methods:
 1. Satisfying the MACRAO Agreement
 - transcript must be stamped "MACRAO Agreement Satisfied"
 2. Course by course transfer as indicated on this guide sheet.
 3. Satisfactory completion of an articulation agreement where applicable.
- This transfer guide sheet is valid for the catalog dates shown.
- A maximum of 60 semester hours of community college coursework may transfer.
- All classes on the guide must have a grade of "C", or higher in order to transfer.
- We encourage and welcome you to contact an admissions counselor at LTU early in your community college coursework to ensure maximum transfer of credit.
- Contact the Office of Admissions if you have questions or would like to schedule a campus tour or an appointment with an Admissions Counselor.

Apprenticeship, trade, remedial, physical education, and basic study courses are not transferable.

THE FOLLOWING ARE PREREQUISITE COURSES AND DO NOT TRANSFER

MTH 23 Beginning Algebra
 MTH 111 Intermediate Algebra
 MTH 140 College Algebra & Trigonometry
 CHM 101 Introductory Chemistry
 PHY 105 Physics

An evaluation of your current standing (under the LTU major of your choice) can be obtained by sending student copies of your transcripts to:

LTU Office of Admissions
 21000 W. 10 Mile Rd.
 Southfield, MI 48075
 Phone (248)-204-3160
 Fax (248) 204-2228

6/5/09 am