

**LAWRENCE TECHNOLOGICAL UNIVERSITY
ARTICULATION GUIDE**

**Oakland Community College – Associate in Science
LTU – Bachelor of Science in Chemical Biology
Based on OCC 2005-2006 Catalog and LTU 2005-2007 Catalog**

Oakland Community College Courses:

Transfer to LTU as:

| Degree Requirements | |
|---|--|
| English Requirements (6 credits) | |
| ENG 1510 English Composition I 3 | COM 1103 English Composition3 |
| ENG 1520 English Composition II 3 | COM 2103 Tech. & Prof. Com (with MACRAO)3 |
| Fine Arts/Humanities (8 credits) | |
| Select 8 credits from the following: 8 | LLT 1213 World Masterpieces I3 |
| Courses must be in more than one academic discipline | LLT 1223 World Masterpieces II3 |
| ART 1560, ENG 1710, 1720, 2510, 2520, 2530, 2540, | Open Electives2 |
| 2550, 2560, 2750, 2760, 2800, 2820, FSH 1500, HUM | |
| 1510, 2720, 2900, MUS 1540, 1550, 1560, 1585, 1590, | |
| 1670, THE 1561, 1800 | |
| MAT 1730 Calculus I..... 4 | MCS 1414 Calculus I.....4 |
| Physical Education.... (See OCC catalog) 1 | PER does not transfer |
| POL 1510 3 | SSC 2413 Foundations of American Experience 3 |
| Science (18 credits) | |
| CHE 1510 General Chemistry I 4 | CHM 1213 & 1221 University Chemistry I & Lab4 |
| CHE 1520 General Chemistry II 4 | CHM 1223 & 1232 University Chemistry II & Lab5 |
| PHY 2400 Engineering Physics I 5 | PHY 2413 & 2421 University Physics I & Lab4 |
| PHY 2500 Engineering Physics II 5 | PHY 2423 & 2431 University Physics II & Lab4 |
| Social Science (6 credits) | |
| Select 6 credits from the following: | SSC 2423 Development of American Experience.....3 |
| ANT 1540, GEO 1520, HIS 1510, 1520, 1550, 1700, 2510, | General Elective3 |
| 2520, 2610, 2620, SOC 2510, 2520, 2610, PSY 2510, | |
| 2630, 2710, 2810, SSC 2610, 2710 | |

NOTE: See an OCC counselor for transfer information.

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| | |
|--|--|
| <p><u>Other Transferable Credits:</u> Note: A maximum of 70 credits may be transferred from community colleges.</p> <p>MAT 1740 Calculus II 4 MAT 2740 Calculus III 4 MAT 2810 Differential Equations 4</p> <p>BIO 1530 Principles of Biology 4 CHE 2610 & CHE 2620 Organic Chemistry I & II 8 CHE 2650 Organic Lab 3</p> | <p><u>Completion of the BSChemBio Degree at LTU</u></p> <p>MCS 1424 Calculus II4 MCS 2414 Calculus III4 MCS 2423 Differential Equations3</p> <p>BIO 1213 & BIO 1221 Biology & Lab4 CHE 2313 & CHE 2303 Organic Chemistry6 CHE 2332 Organic Chemistry Lab2</p> <p>COM 1001 (University Seminar) Satisfied.</p> |
| | <p>Maximum Transferable OCC Credits 70 Minimum Credits at LTU 51 **Minimum credits to Graduate 121**</p> |