

**Bachelor of Science in Biomedical Diagnostic Therapeutic Sciences with a Specialization in Medical Laboratory Sciences (2017/18 catalog)**

Biomedical Diagnostic and Therapeutic Sciences Core Requirements	
Oakland University Courses	Lansing Community College Courses
BIO 1200	BIOL 127
BIO 2100, 2101, & 2600	BIOL 201 & 202
CHM 1440 & 1470	CHEM 151 and 161
CHM 1450 & 1480	CHEM 152 and 162
STA 2220	STAT 170 or 215
MLS 2100	CHSE 120
WRT 1050	ENGL 121 or 131

Medical Laboratory Science Course Requirements	
PHY 1080	PHYS 221 accepted
PHY 1090	PHYS 222 accepted
CHM 2340	CHEM 251

Choose up to 5 elective credits from the list below, only 3 if both PHY 221 & 222 are taken (more options available at OU)
MATH 126 or (121 and 122), MATH 151 or 161, PFWH 123, PSYC 205

*\*Note: Some clinical programs may require MATH 126 or (121 and 122), please check with OU advisor for more information*

**MICHIGAN TRANSFER AGREEMENTS:**

In many cases, it is to a student's advantage to complete the MTA or MACRAO agreement when fulfilling General Education requirements. This may allow for more flexibility when creating a schedule while at your community college. When choosing to complete MTA or MACRAO, please confirm the best courses to take to fulfill the agreement with your academic adviser at LCC or [MTA Approved Courses](#)

**Additional course requirements for MTA when following this major guide (minimum 30 credit hours required for MTA):**

- ENGL 122/132 (ENGL 122/132 is a pre-requisite for coursework at OU)
- MTA Approved Social Science
- MTA Approved Social Science
- MTA Approved Humanities
- MTA Approved Humanities

**SPECIAL NOTE REGARDING MTA OR MACRAO:** In some cases, completing the MTA or MACRAO agreement is not as practical. When using MTA or MACRAO, your ability to make the most efficient course selections at OU may be impacted depending on your accumulated credits and chosen OU major. For more details on whether or not it is recommended for you to complete MTA or MACRAO, please consult with an OU academic adviser.

**If you plan to transfer without completing a transfer agreement, please reference the table below for courses that satisfy individual categories.**

GENERAL EDUCATION REQUIREMENTS	
<b>40 credits are required from categories 1-10. Each of these categories must be fulfilled by completing one course of at least 3 or more credits. A course may not be used in more than one of these categories. Please see OU Catalog for further information.</b>	
1. Writing Foundations	ENGL 122,132
2. Formal Reasoning	<b>Satisfied by STAT 170 or 215</b>
3. Arts	HUMS 120, 211, 212, 216, MUSC 199, 240, 241, 246, 247, THEA 110, 210
4. Foreign Language and Culture	CHIN: 121, 122, FREN, GRMN, JAPN, SPAN: 121, 122, 201, 202
5. Global Perspective	ANTH 120, 270, DMAC 260, GEOG 200, HIST 214, 240, HUMS 125, 214, POLS 260, RELG 150, (211 & 212)
6. Literature	ENGL 202, 203, 211, 212, 220, 240, 255, 256, 260, 266, 267, 270, 290, HUMS 160
7. Natural Science and Technology	<b>Satisfied by BIOL 127, CHEM 151/161, PHYS 221</b>
8. Social Science	ANTH 120, 270, 275, ECON 201, 202, POLS 120, 201, 260, PSYC 200, SOCL 120
9. Western Civilization	HIST 150, 211, 212, 235, PHIL 152, 211
10. Knowledge Applications	<b>Satisfied by PHYS 222</b>
U.S. Diversity – May double count with categories 1-10	COMM 280, ENGL 260, HIST 211, 212, MGMT 234, POLS 120, SOCL 120, 185, 260
Capstone & Writing Intensive in the Major	<b>These general education requirements must be met by courses taken at Oakland University.</b>

**Students who complete MTA or MACRAO according to this guide satisfy general education categories 1-9 and U.S. Diversity.**

Notes:

- Please contact the School of Health Sciences Academic Advising office at (248) 370-2369 or visit the website at [oakland.edu/shs/advising](http://oakland.edu/shs/advising) for more information regarding your major program.