

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

Biomedical Diagnostic and Therapeutic Sciences Core Requirements	
Oakland University Courses	Schoolcraft College Courses
BIO 1200	BIOL 120
BIO 2100, 2101 & 2600	BIOL 237 and 238
CHM 1440 & 1470	CHEM 111
CHM 1450 & 1480	CHEM 117
MLS 2100	HIT 100 or 104
STA 2220	MATH 122
WRT 1050	ENG 101

Medical Laboratory Science Course Requirements	
PHY 1080	PHYS 181 accepted
PHY 1090	PHYS 182 accepted
CHM 2340	CHEM 213

Choose up to 5 elective credits from the list below, only 3 if both PHYS 181 & 182 are taken (1 other option available at OU)
BIOL 115, MATH (119 and 126) or 129, MATH 150, PSYCH 229

*\*Note: Some clinical programs may require MAT (1540 & 1560) or 1630, 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 Schoolcraft or [MTA Approved Courses](#)

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

- ENG 102 (ENG 102 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	
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.	
1. Writing Foundations	ENG 102
2. Formal Reasoning	<b>Satisfied by MATH 122</b>
3. Arts	ART 115, 116, 201; ENG 200; HUM 150, 215; MUSIC 105, 149, 164, 165; THEA 101, 231, 232
4. Foreign Language and Culture	CHIN, ITAL 101, 102; ARB, FR, GER, SPAN 101, 102, 201, 202; ENG 280
5. Global Perspective	ANTH 112, 201; GEOG 133; POLS 207, 209
6. Literature	ENG 170, 243, 244, 245, 246, 248, 251, 252, 275
7. Natural Science and Technology	<b>Satisfied by BIOL 120, CHEM 111, PHYS 181</b>
8. Social Science	ANTH 112, 120, 201; ECON 103, 201, 202; POLS 105, 207, 209; PSYCH 201; SOC 201
9. Western Civilization	HIST 151, 152, 153; PHIL 243, 277
10. Knowledge Applications	<b>Satisfied by PHYS 182</b>
U.S. Diversity – May double count with categories 1-10	ANTH 214; ENG 200; HIST 151, 152, 153; POLS 105; SOC 201, 210
Capstone & Writing Intensive in the Major	<b>These general education requirements must be met by courses taken at Oakland University.</b>

**Recent Changes:**

**HIST 134, 137, & 138= Western Civilization Gen Ed when transferred to OU before the start of the Fall 2019 semester.**

Notes:

- Students must have a minimum cumulative transfer GPA of 2.8 in order to be admitted to the Biomedical Diagnostic and Therapeutic Sciences curriculum.
- Please contact the College of Health Sciences Academic Advising at (248)370-2369 or visit [oakland.edu/shs/advising](http://oakland.edu/shs/advising) for more information regarding your major program.