

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	Macomb Community College Courses
BIO 1200	BIOL 1000
BIO 2100, 2101, & 2600	BIOL 2710
CHM 1440 & 1470	CHEM 1170
CHM 1450 & 1480	CHEM 1180
STA 2220	MATH 1340
MLS 2100	HHSC 1700
WRT 1050	ENGL 1180 or 1210

Specialization in Medical Laboratory Science Requirements	
CHM 2340	CHEM 2260
PHY 1080	PHYS 1180 accepted
PHY 1090	PHYS 1190 accepted

Choose up to 5 elective credits from the list below, only 3 if both PHYS 1180 & 1190 are taken (more options available at OU)
 BIOL 1400, MATH (1415 and 1435) or 1465, MATH 1760, PSYC 2450

**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 Macomb or [MTA Approved Courses](#)

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

- ENGL 1190/1220 (ENGL 1190/1220 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	ENGL 1190, 1220
2. Formal Reasoning	Satisfied by MATH 1340
3. Arts	ARTT 1620, 2650, 2660; HIST 2340; HUMN 1210, 1270, 1300, 1460; MUSC 1030, 1040, 2710, 2720
4. Foreign Language and Culture	CHIN 1260, 1270, ARAB, GRMN 1260, 1270, 2360 FREN, ITAL, SPAN 1260, 1270, 2360, 2370
5. Global Perspectives	ANTH 1000, 1100; ECON 2110; GEOG 2000; HIST 2520, 2650; HUMN 1700, 2000; INTL 2000, 2010, 2300, 2500, 2700, 2800; MUSC 1040; POLS 1600
6. Literature	ENGL 1730, 2510, 2520, 2610, 2710, 2720, 2730, 2740, 2800, 2810, 2850; HUMN 1750
7. Natural Science and Technology	Satisfied by BIOL 1000, CHEM 1170, PHYS 1180
8. Social Science	ANTH 1000, 1100, 1200; ECON 1160, 1170, 2110; POLS 1000, 1600; PSYC 1010; SOCY 1010
9. Western Civilization	HIST 1500, 1600, 1700, 2000, 2100, 2200, 2360; PHIL 2010, 2100
10. Knowledge Applications	Satisfied by PHYS 1190
U.S. Diversity – May double count with categories 1-10	ENGL 2740, HIST 2100, 2200; HUMN 1270, 1460; POLS 1000; SOCY 1010, 2550
Capstone & Writing Intensive in the Major	These general education requirements MUST be met by courses taken at Oakland University.

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

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