

Bachelor of Science in Clinical and Diagnostic Sciences

Clinical and Diagnostic Sciences Core Requirements

Oakland University Courses	Lake Michigan College Courses
BIO 1200	BIOL 111
BIO 2100, 2101 and 2600	BIOL 205 and 206
CDS 2100	HEAL 103
STA 2220	MATH 216

***Additional course requirements vary by specialization. Please contact an Oakland University academic adviser for additional information about the course requirements for your intended specialization.**

Clinical and Diagnostic Sciences provides an experiential human-based education in biomedical, imaging, and clinical sciences, and is built upon the foundations of biology and chemistry. Please visit the [department website](#) or the [academic catalog](#) for additional information.

Specialization in Medical Laboratory Science (MLS) Requirements

Oakland University Courses	Lake Michigan College Courses
CHM 1440 and 1470	CHEM 111
CHM 1450 and 1480	CHEM 112
CHM 2340	CHEM 203
MTH 1441*	MATH 135*
PHY 1080	PHYS 101 accepted
PHY 1090	PHYS 102 accepted
WRT 1060	ENGL 102

*Some clinical programs may require MATH 135; check the individual clinical programs for current requirements

Specialization in Histotechnology (HT) Requirements

Oakland University Courses	Lake Michigan College Courses
CHM 1440 and 1470	CHEM 111
CHM 1450 and 1480	CHEM 112
WRT 1060	ENGL 102

Specialization in Nuclear Medicine Technology (NMT) Requirements

Oakland University Courses	Lake Michigan College Courses
CHM 1440 and 1470	CHEM 111
MTH 1441	MATH 135 or (MATH 128 and 130 accepted)
PHY 1080	PHYS 101 accepted
COM 2000	COMM 101
WRT 1060	ENGL 102

Specialization in Radiologic Technology (RAD) Requirements

Oakland University Courses	Lake Michigan College Courses
PHY 1080	PHYS 101 accepted
PHY 1090	PHYS 102 accepted
WRT 1060	ENGL 102

Please contact the School of Health Sciences Academic Advising office at 248-370-2369, email shs@oakland.edu, or visit their [website](#) for more information regarding your major program.

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BIO 1200	BIOL 111
BIO 2100, 2101 and 2600	BIOL 205 and 206
CDS 2100	HEAL 103
STA 2220	MATH 216

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Specialization in Pre-Clinical Professions (Medicine, Dentistry, Optometry, Veterinary Medicine) Requirements

Oakland University Courses	Lake Michigan College Courses
CHM 1440 and 1470	CHEM 111
CHM 1450 and 1480	CHEM 112
CHM 2340, 2350, and 2370	CHEM 203 and 204
PHY 1010 and 1100	PHYS 101
PHY 1020 and 1110	PHYS 102
WRT 1060	ENGL 102
Elective Credits (more options available at OU)	ENGL 101; HEAL 113; MATH 135; MATH 151; PSYC 203

Specialization in Pre-Pharmacy Requirements

Oakland University Courses	Lake Michigan College Courses
CHM 1440 and 1470	CHEM 111
CHM 1450 and 1480	CHEM 112
CHM 2340, 2350, and 2370	CHEM 203 and 204
MTH 1554	MATH 151
PHY 1010 and 1100	PHYS 101
WRT 1060	ENGL 102

Specialization in Pre-Physician Assistant Requirements

Oakland University Courses	Lake Michigan College Courses
BIO 1201	Satisfied by completing (BIOL 111 and 112)
CHM 1440 and 1470	CHEM 111
CHM 1450 and 1480	CHEM 112
CHM 2340	CHEM 203
NTR 2500	HEAL 113
PHY 1010 and 1100	PHYS 101
PSY 1000	PSYC 201
PSY 2250	PSYC 203
WRT 1060	ENGL 102

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TRANSFERRING WITH THE MICHIGAN TRANSFER AGREEMENT (MTA):

When choosing to complete MTA to satisfy General Education, please confirm the best courses to take to fulfill the agreement with your academic adviser at Lake Michigan or at the [Lake Michigan MTA Approved Courses](#) website. If you intend to complete MTA when following this major guide, take (COMM 101, PHYS 102, or PSYC 203) or another course from OU's *Knowledge Applications* category in order to satisfy OU's transferable General Education requirements.

TRANSFERRING WITHOUT MTA:

If you intend to transfer without MTA, you can choose to complete additional coursework to fulfill OU's individual General Education categories instead. When following this major guide, please contact the School of Health Sciences Academic Advising office for the coursework that will be required for your specialization, and reference the [Lake Michigan General Education Transfer Guide](#) for the Lake Michigan courses that satisfy these specific OU General Education categories.

NOTES:

Students may transfer an unlimited amount of credit from Lake Michigan, and must complete a minimum of 45 credit hours from OU to meet degree requirements. As programs may limit how much transfer credit can be used toward requirements, **it is highly recommended that students work with both an OU academic adviser and their Lake Michigan academic adviser to maximize the applicability of coursework to specific requirements.**

Students must have a minimum cumulative transfer GPA of 2.8 in order to be admitted to the Clinical Diagnostic Sciences curriculum.

Oakland University will always honor the **MACRAO transfer agreement** and apply it to the General Education requirement the same as MTA.

OU's [ECLIPSE program](#), a unique community-engaged leadership initiative, is one of only a few health-science specific leadership programs in the country.

The Bachelor of Science in Radiologic Technology is [accredited](#) by the Joint Review Committee on Education in Radiologic Technology (JRCERT).

Please visit the department website for additional information regarding [specialization internships](#). Acceptance into internship programs is competitive and is based on grade point average, personal interview, and letters of recommendation. Students must submit a formal application for each program for which they seek consideration.