

Bachelor of Science in Clinical and Diagnostic Sciences

Clinical and Diagnostic Sciences Core Requirements

Oakland University Courses	Montcalm Community College Courses
BIO 1200	BIOL 121
BIO 2100, 2101 and 2600	BIOL 202 and 203
CDS 2100	AHEA 215
STA 2220	MATH 190

***Additional course requirements vary by concentration or specialization. Please contact an Oakland University academic adviser for additional information about the course requirements for your intended concentration or 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 Diagnostic Medical Sonography (DMS) Requirements

Oakland University Courses	Montcalm Community College Courses
PHY 1010	PHYS 111
PHY 1020	PHYS 112
WRT 1060	ENGL 101

Concentration in Histotechnology (HT) Requirements

Oakland University Courses	Montcalm Community College Courses
CHM 1440 and 1470	CHEM 220
CHM 1450 and 1480	CHEM 221
WRT 1060	ENGL 101

Specialization in Medical Laboratory Science (MLS) Requirements

Oakland University Courses	Montcalm Community College Courses
CHM 1440 and 1470	CHEM 220
CHM 1450 and 1480	CHEM 221
CHM 2340	CHEM 251
MTH 1441*	MATH 180*
PHY 1010	PHYS 111
PHY 1020	PHYS 112
WRT 1060	ENGL 101

*Some clinical programs may require MATH 180; check the individual clinical programs for current requirements

Concentration in Nuclear Medicine Technology (NMT) Requirements

Oakland University Courses	Montcalm Community College Courses
CHM 1440 and 1470	CHEM 220
MTH 1441	MATH 180 or (MATH 120 and 159 accepted)
PHY 1010	PHYS 111
COM 2000	COMM 210
WRT 1060	ENGL 101

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.

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

Oakland University Courses	Montcalm Community College Courses
CHM 1440 and 1470	CHEM 220
CHM 1450 and 1480	CHEM 221
CHM 2340, 2350 and 2370	CHEM 251 and 252
PHY 1010 and 1100	PHYS 111
PHY 1020 and 1110	PHYS 112
WRT 1060	ENGL 101
Elective Credits (more options available at OU)	BIOL 122; ENGL 100; MATH 180; MATH 250; PSYC 225; PSYC 235

Concentration in Pre-Pharmacy Requirements

Oakland University Courses	Montcalm Community College Courses
CHM 1440 and 1470	CHEM 220
CHM 1450 and 1480	CHEM 221
CHM 2340, 2350 and 2370	CHEM 251 and 252
MTH 1554	MATH 250
PHY 1010 and 1100	PHYS 111 accepted
WRT 1060	ENGL 101

Concentration in Pre-Physician Assistant Requirements

Oakland University Courses	Montcalm Community College Courses
BIO 1201	Satisfied by completing (BIOL 121 and 122)
CHM 1440 and 1470	CHEM 220
CHM 1450 and 1480	CHEM 221
PSY 1000	PSYC 120
PSY 2250	PSYC 235
WRT 1060	ENGL 101

Specialization in Radiologic Technology (RAD) Requirements

Oakland University Courses	Montcalm Community College Courses
PHY 1010	PHYS 111
PHY 1020	PHYS 112
WRT 1060	ENGL 101

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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 Montcalm or at the [Montcalm MTA Approved Courses](#) website. If you intend to complete MTA when following this major guide, take (COMM 210, PHYS 112, or PSYC 235) 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 [Montcalm General Education Transfer Guide](#) for the Montcalm courses that satisfy these specific OU General Education categories.

NOTES:

Students may transfer an unlimited amount of credit from Montcalm, 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 Montcalm 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.