

Bachelor of Science in Clinical and Diagnostic Sciences

Clinical and Diagnostic Sciences Core Requirements

Oakland University Courses	Macomb Community College Courses
BIO 1200	BIOL 1700
BIO 2100, 2101 and 2600	BIOL 2710
CDS 2100	HHSC 1700
STA 2220	MATH 1340

***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	Macomb Community College Courses
PHY 1010	PHYS 1180
PHY 1020	PHYS 1190
WRT 1060	ENGL 1190 or 1220

Concentration in Histotechnology (HT) Requirements

Oakland University Courses	Macomb Community College Courses
CHM 1440 and 1470	CHEM 1170
CHM 1450 and 1480	CHEM 1180
WRT 1060	ENGL 1190 or 1220

Specialization in Medical Laboratory Science (MLS) Requirements

Oakland University Courses	Macomb Community College Courses
CHM 1440 and 1470	CHEM 1170
CHM 1450 and 1480	CHEM 1180
CHM 2340	CHEM 2260
MTH 1441*	MATH 1465*
PHY 1010	PHYS 1180
PHY 1020	PHYS 1190
WRT 1060	ENGL 1190 or 1220

*Some clinical programs may require MATH 1465; check the individual clinical programs for current requirements

Concentration in Nuclear Medicine Technology (NMT) Requirements

Oakland University Courses	Macomb Community College Courses
CHM 1440 and 1470	CHEM 1170
MTH 1441	MATH 1465 or (MATH 1415 and 1435 accepted)
PHY 1010	PHYS 1180
COM 2000	SPCH 1060
WRT 1060	ENGL 1190 or 1220

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	Macomb Community College Courses
CHM 1440 and 1470	CHEM 1170
CHM 1450 and 1480	CHEM 1180
CHM 2340	CHEM 2260
CHM 2350	CHEM 2280
CHM 2370	CHEM 2270
PHY 1010 and 1100	PHYS 1180
PHY 1020 and 1110	PHYS 1190
WRT 1060	ENGL 1190 or 1220
Elective Credits (more options available at OU)	BIOL 1400, 1800; ENGL 1180 or 1210; MATH 1465, 1760; PSYC 2450; PSYC 2800; WHES 2024; WHES 2083

Concentration in Pre-Pharmacy Requirements

Oakland University Courses	Macomb Community College Courses
CHM 1440 and 1470	CHEM 1170
CHM 1450 and 1480	CHEM 1180
CHM 2340	CHEM 2260
CHM 2350	CHEM 2280
CHM 2370	CHEM 2270
MTH 1554	MATH 1760
PHY 1010 and 1100	PHYS 1180
WRT 1060	ENGL 1190 or 1220

Concentration in Pre-Physician Assistant Requirements

Oakland University Courses	Macomb Community College Courses
BIO 1201	BIOL 1700
CHM 1440 and 1470	CHEM 1170
CHM 1450 and 1480	CHEM 1180
NTR 2500	BIOL 1400
PSY 1000	PSYC 1010
PSY 2250	PSYC 2450
WRT 1060	ENGL 1190 or 1220

Specialization in Radiologic Technology (RAD) Requirements

Oakland University Courses	Macomb Community College Courses
PHY 1010	PHYS 1180
PHY 1020	PHYS 1190
WRT 1060	ENGL 1190 or 1220

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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 MCC or at the [MCC MTA Approved Courses](#) website. If you intend to complete MTA when following this major guide, take (PHYS 1190, PSYC 2450, or SPCH 1060) 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 [MCC General Education Transfer Guide](#) for the MCC courses that satisfy the applicable OU General Education categories.

NOTES:

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