

Bachelor of Science in Clinical and Diagnostic Sciences

Clinical and Diagnostic Sciences Core Requirements

Oakland University Courses	North Central Michigan College Courses
BIO 1200	BIO 151
BIO 2100, 2101 and 2600	BIO 235 and 236
CDS 2100	OAS 116
STA 2220	STAT 200

***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 Diagnostic Medical Sonography (DMS) Requirements

Oakland University Courses	North Central Michigan College Courses
PHY 1010	PHY 210
PHY 1020	PHY 211
WRT 1060	ENG 112

Specialization in Histotechnology (HT) Requirements

Oakland University Courses	North Central Michigan College Courses
CHM 1440 and 1470	CEM 121
CHM 1450 and 1480	CEM 122
WRT 1060	ENG 112

Specialization in Medical Laboratory Science (MLS) Requirements

Oakland University Courses	North Central Michigan College Courses
CHM 1440 and 1470	CEM 121
CHM 1450 and 1480	CEM 122
CHM 2340	CEM 231
PHY 1010	PHY 210
PHY 1020	PHY 211
WRT 1060	ENG 112

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

Specialization in Nuclear Medicine Technology (NMT) Requirements

Oakland University Courses	North Central Michigan College Courses
CHM 1440 and 1470	CEM 121
MTH 1441	(MATH 130 and 140) accepted
PHY 1010	PHY 210
COM 2000	COM 111
WRT 1060	ENG 112

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.

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

Oakland University Courses	North Central Michigan College Courses
CHM 1440 and 1470	CEM 121
CHM 1450 and 1480	CEM 122
CHM 2340, 2350 and 2370	CEM 231 and 232
PHY 1010 and 1100	PHY 210 accepted
PHY 1020 and 1110	PHY 211 accepted
WRT 1060	ENG 112
Elective Credits (more options available at OU)	BIO 152; ENG 111; HE 200; MATH 150; PSY 241; PSY 261

Specialization in Pre-Pharmacy Requirements

Oakland University Courses	North Central Michigan College Courses
CHM 1440 and 1470	CEM 121
CHM 1450 and 1480	CEM 122
CHM 2340, 2350 and 2370	CEM 231 and 232
MTH 1554	MATH 150
PHY 1010 and 1100	PHY 210 accepted
WRT 1060	ENG 112

Specialization in Pre-Physician Assistant Requirements

Oakland University Courses	North Central Michigan College Courses
BIO 1201	Satisfied by completing (BIO 151 and 152)
CHM 1440 and 1470	CEM 121
CHM 1450 and 1480	CEM 122
NTR 2500	HE 200
PHY 1010 and 1100	PHY 210 accepted
PSY 1000	PSY 161
PSY 2250	PSY 261
WRT 1060	ENG 112

Specialization in Radiologic Technology (RAD) Requirements

Oakland University Courses	North Central Michigan College Courses
PHY 1010	PHY 210
PHY 1020	PHY 211
WRT 1060	ENG 112

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.

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 North Central or at the [North Central MTA Approved Courses](#) website. If you intend to complete MTA when following this major guide, take (COM 111, PHY 211 or PSY 261) 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 [North Central General Education Transfer Guide](#) for the North Central courses that satisfy these specific OU General Education categories

NOTES:

Students may transfer an unlimited amount of credit from North Central, 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 North Central 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.