

Bachelor of Science in Clinical and Diagnostic Sciences

Clinical and Diagnostic Sciences Core Requirements

Oakland University Courses	Alpena Community College Courses
BIO 1200	BIO 161
BIO 2100, 2101 and 2600	BIO 201 and 203
CDS 2100	BIS 160
STA 2220	MTH 223

***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	Alpena Community College Courses
PHY 1010	PHY 121
PHY 1020	PHY 122
WRT 1060	ENGL 112 or 122

Concentration in Histotechnology (HT) Requirements

Oakland University Courses	Alpena Community College Courses
CHM 1440 and 1470	CEM 121
CHM 1450 and 1480	CEM 122
WRT 1060	ENGL 112 or 122

Specialization in Medical Laboratory Science (MLS) Requirements

Oakland University Courses	Alpena Community College Courses
CHM 1440 and 1470	CEM 121
CHM 1450 and 1480	CEM 122
CHM 2340	CEM 221
MTH 1441*	MTH 123
PHY 1010	PHY 121
PHY 1020	PHY 122
WRT 1060	ENGL 112 or 122

*Some clinical programs may require MTH 123; check the individual clinical programs for current requirements

Concentration in Nuclear Medicine Technology (NMT) Requirements

Oakland University Courses	Alpena Community College Courses
CHM 1440 and 1470	CEM 121
MTH 1441	MTH 123 or (MTH 121 and 122 accepted)
PHY 1010	PHY 121
COM 2000	SPE 121
WRT 1060	ENGL 112 or 122

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	Alpena Community College Courses
CHM 1440 and 1470	CEM 121
CHM 1450 and 1480	CEM 122
CHM 2340, 2350 and 2370	CEM 221 and 222
PHY 1010 and 1100	PHY 121
PHY 1020 and 1110	PHY 122
WRT 1060	ENGL 112 or 122
Elective Credits (more options available at OU)	BIO 162; (ENGL 111 or 121); MTH 123, 131; PSY 226; PSY 242

Concentration in Pre-Pharmacy Requirements

Oakland University Courses	Alpena Community College Courses
CHM 1440 and 1470	CEM 121
CHM 1450 and 1480	CEM 122
CHM 2340, 2350 and 2370	CEM 221 and 222
MTH 1554	MTH 131
PHY 1010 and 1100	PHY 121
WRT 1060	ENGL 112 or 122

Concentration in Pre-Physician Assistant Requirements

Oakland University Courses	Alpena Community College Courses
BIO 1201	BIO 161
CHM 1440 and 1470	CEM 121
CHM 1450 and 1480	CEM 122
PSY 1000	PSY 101
PSY 2250	PSY 226
WRT 1060	ENGL 112 or 122

Specialization in Radiologic Technology (RAD) Requirements

Oakland University Courses	Alpena Community College Courses
PHY 1010	PHY 121
PHY 1020	PHY 122
WRT 1060	ENGL 112 or 122

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 Alpena or at the [Alpena MTA Approved Courses](#) website. If you intend to complete MTA when following this major guide, take (PHY 122, PSY 226, or SPE 121) 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 [Alpena General Education Transfer Guide](#) for the Alpena courses that satisfy the applicable OU General Education categories.

NOTES:

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