

## Bachelor of Science in Clinical and Diagnostic Sciences

### Clinical and Diagnostic Sciences Core Requirements

Oakland University Courses	Bay College Courses
BIO 1200	BIOL 112
BIO 2100, 2101 <b>and</b> 2600	BIOL 213 <b>and</b> 214
CDS 2100	HLTH 118
STA 2220	MATH 210

**\*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	Bay College Courses
PHY 1010	PHYS 201
PHY 1020	PHYS 202
WRT 1060	ENGL 102

### Concentration in Histotechnology (HT) Requirements

Oakland University Courses	Bay College Courses
CHM 1440 and 1470	CHEM 110
CHM 1450 and 1480	CHEM 112
WRT 1060	ENGL 102

### Specialization in Medical Laboratory Science (MLS) Requirements

Oakland University Courses	Bay College Courses
CHM 1440 and 1470	CHEM 110
CHM 1450 and 1480	CHEM 112
CHM 2340	CHEM 201
PHY 1010	PHYS 201
PHY 1020	PHYS 202
WRT 1060	ENGL 102

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

### Concentration in Nuclear Medicine Technology (NMT) Requirements

Oakland University Courses	Bay College Courses
CHM 1440 and 1470	CHE 1510
MTH 1441	(MATH 110 <b>and</b> 111) accepted
PHY 1010	PHYS 201
COM 2000	COMM 104
WRT 1060	ENGL 102

Please contact the School of Health Sciences Academic Advising office at 248-370-2369, email [shs@oakland.edu](mailto: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	Bay College Courses
CHM 1440 and 1470	CHEM 110
CHM 1450 and 1480	CHEM 112
CHM 2340, 2350 and 2370	CHEM 201 <b>and</b> 202
PHY 1010 and 1100	PHYS 201
PHY 1020 and 1110	PHYS 202
WRT 1060	ENGL 102
Elective Credits (more options available at OU)	BIOL 110; ENGL 101; MATH 141; PSYC 220; PSYC 280

## Concentration in Pre-Pharmacy Requirements

Oakland University Courses	Bay College Courses
CHM 1440 and 1470	CHEM 110
CHM 1450 and 1480	CHEM 112
CHM 2340, 2350 and 2370	CHEM 201 <b>and</b> 202
MTH 1554	MATH 141
PHY 1010 and 1100	PHYS 201
WRT 1060	ENGL 102

## Concentration in Pre-Physician Assistant Requirements

Oakland University Courses	Bay College Courses
BIO 1201	BIOL 112
CHM 1440 and 1470	CHEM 110
CHM 1450 and 1480	CHEM 112
PSY 1000	PSYC 201
PSY 2250	PSYC 220
WRT 1060	ENGL 102

## Specialization in Radiologic Technology (RAD) Requirements

Oakland University Courses	Bay College Courses
PHY 1010	PHYS 201
PHY 1020	PHYS 202
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 Bay or at the [Bay MTA Approved Courses](#) website. If you intend to complete MTA when following this major guide, take (COMM 104, PHYS 202 or PSYC 220) 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 [Bay General Education Transfer Guide](#) for the Bay courses that satisfy these specific OU General Education categories.

## **NOTES:**

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