

## Bachelor of Science in Clinical and Diagnostic Sciences

### Clinical and Diagnostic Sciences Core Requirements

| Oakland University Courses     | Lake Michigan College Courses |
|--------------------------------|-------------------------------|
| BIO 1200                       | BIOL 111                      |
| BIO 2100, 2101 <b>and</b> 2600 | BIOL 205 <b>and</b> 206       |
| CDS 2100                       | HEAL 103                      |
| STA 2220                       | MATH 216                      |

**\*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 | Lake Michigan College Courses |
|----------------------------|-------------------------------|
| PHY 1010                   | PHYS 101                      |
| PHY 1020                   | PHYS 102                      |
| WRT 1060                   | ENGL 102                      |

### Concentration in Histotechnology (HT) Requirements

| Oakland University Courses | Lake Michigan College Courses |
|----------------------------|-------------------------------|
| CHM 1440 and 1470          | CHEM 111                      |
| CHM 1450 and 1480          | CHEM 112                      |
| WRT 1060                   | ENGL 102                      |

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

| Oakland University Courses | Lake Michigan College Courses |
|----------------------------|-------------------------------|
| CHM 1440 and 1470          | CHEM 111                      |
| CHM 1450 and 1480          | CHEM 112                      |
| CHM 2340                   | CHEM 203                      |
| MTH 1441*                  | MATH 135*                     |
| PHY 1010                   | PHYS 101                      |
| PHY 1020                   | PHYS 102                      |
| WRT 1060                   | ENGL 102                      |

\*Some clinical programs may require MATH 135; check the individual clinical programs for current requirements

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

| Oakland University Courses | Lake Michigan College Courses                  |
|----------------------------|--|
| CHM 1440 and 1470          | CHEM 111                                       |
| MTH 1441                   | MATH 135 or (MATH 128 <b>and</b> 130 accepted) |
| PHY 1010                   | PHYS 101                                       |
| COM 2000                   | COMM 101                                       |
| 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                      | Lake Michigan College Courses  |
|---|--|
| CHM 1440 and 1470                               | CHEM 111   |
| CHM 1450 and 1480                               | CHEM 112   |
| CHM 2340, 2350, <b>and</b> 2370                 | CHEM 203 <b>and</b> 204  |
| PHY 1010 and 1100                               | PHYS 101   |
| PHY 1020 and 1110                               | PHYS 102   |
| WRT 1060  | ENGL 102   |
| Elective Credits (more options available at OU) | BIOL 112; ENGL 101; HEAL 113; HEAL 201; MATH 135; MATH 151; PSYC 203; PSYC 231 |

## Concentration in Pre-Pharmacy Requirements

| Oakland University Courses      | Lake Michigan College Courses |
|---------------------------------|-------------------------------|
| CHM 1440 and 1470               | CHEM 111                      |
| CHM 1450 and 1480               | CHEM 112                      |
| CHM 2340, 2350, <b>and</b> 2370 | CHEM 203 <b>and</b> 204       |
| MTH 1554                        | MATH 151                      |
| PHY 1010 and 1100               | PHYS 101                      |
| WRT 1060                        | ENGL 102                      |

## Concentration in Pre-Physician Assistant Requirements

| Oakland University Courses | Lake Michigan College Courses |
|----------------------------|-------------------------------|
| BIO 1201                   | BIOL 111                      |
| CHM 1440 and 1470          | CHEM 111                      |
| CHM 1450 and 1480          | CHEM 112                      |
| NTR 2500                   | HEAL 113                      |
| PSY 1000                   | PSYC 201                      |
| PSY 2250                   | PSYC 203                      |
| WRT 1060                   | ENGL 102                      |

## Specialization in Radiologic Technology (RAD) Requirements

| Oakland University Courses | Lake Michigan College Courses |
|----------------------------|-------------------------------|
| PHY 1010                   | PHYS 101                      |
| PHY 1020                   | PHYS 102                      |
| 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.

## **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 Lake Michigan or at the [Lake Michigan MTA Approved Courses](#) website. If you intend to complete MTA when following this major guide, take (COMM 101, PHYS 102, or PSYC 203) 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 [Lake Michigan General Education Transfer Guide](#) for the Lake Michigan courses that satisfy these specific OU General Education categories.

## **NOTES:**

Students may transfer an unlimited amount of credit from Lake Michigan, 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 Lake Michigan 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.