

Bachelor of Science in Clinical and Diagnostic Sciences

Clinical and Diagnostic Sciences Core Requirements

| Oakland University Courses | Northwestern Michigan College Courses |
|--------------------------------|--|
| BIO 1200 | BIO 115 and 115L |
| BIO 2100, 2101 and 2600 | (BIO 227 and 227L) and (BIO 228 and 228L) |
| CDS 2100 | HAH 101 |
| STA 2220 | MTH 131 |

***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 | Northwestern Michigan College Courses |
|----------------------------|---------------------------------------|
| PHY 1080 | (PHY 121 and 121L) accepted |
| PHY 1090 | (PHY 122 and 122L) accepted |
| WRT 1060 | ENG 112 |

Specialization in Histotechnology (HT) Requirements

| Oakland University Courses | Northwestern Michigan College Courses |
|----------------------------|---------------------------------------|
| CHM 1440 and 1470 | CHM 150 and 150R and 150L |
| CHM 1450 and 1480 | CHM 151 and 151R and 151L |
| WRT 1060 | ENG 112 |

Specialization in Medical Laboratory Science (MLS) Requirements

| Oakland University Courses | Northwestern Michigan College Courses |
|----------------------------|---------------------------------------|
| CHM 1440 and 1470 | CHM 150 and 150R and 150L |
| CHM 1450 and 1480 | CHM 151 and 151R and 151L |
| CHM 2340 | CHM 250 and 250L |
| PHY 1080 | (PHY 121 and 121L) accepted |
| PHY 1090 | (PHY 122 and 122L) accepted |
| 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 | Northwestern Michigan College Courses |
|----------------------------|---------------------------------------|
| CHM 1440 and 1470 | CHM 150 and 150R and 150L |
| MTH 1441 | (MTH 121 and 122) accepted |
| PHY 1080 | (PHY 121 and 121L) accepted |
| 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 | Northwestern Michigan College Courses |
|---|--|
| CHM 1440 and 1470 | CHM 150 and 150R and 150L |
| CHM 1450 and 1480 | CHM 151 and 151R and 151L |
| CHM 2340, 2350 and 2370 | (CHM 250 and 250L) and (CHM 251 and 251L) |
| PHY 1010 and 1100 | PHY 121 and 121L |
| PHY 1020 and 1110 | PHY 122 and 122L |
| WRT 1060 | ENG 112 |
| Elective Credits (more options available at OU) | (BIO 116 & 116L); ENG 111; MTH 141; PSY 211; PSY 250 |

Specialization in Pre-Pharmacy Requirements

| Oakland University Courses | Northwestern Michigan College Courses |
|----------------------------|--|
| CHM 1440 and 1470 | CHM 150 and 150R and 150L |
| CHM 1450 and 1480 | CHM 151 and 151R and 151L |
| CHM 2340, 2350 and 2370 | (CHM 250 and 250L) and (CHM 251 and 251L) |
| MTH 1554 | MTH 141 |
| PHY 1010 and 1100 | PHY 121 and 121L |
| WRT 1060 | ENG 112 |

Specialization in Pre-Physician Assistant Requirements

| Oakland University Courses | Northwestern Michigan College Courses |
|----------------------------|--|
| BIO 1201 | Satisfied by completing (BIO 115 & 115L and 116 & 116L) |
| CHM 1440 and 1470 | CHM 150 and 150R and 150L |
| CHM 1450 and 1480 | CHM 151 and 151R and 151L |
| CHM 2340 | CHM 250 and 250L |
| PHY 1010 and 1100 | PHY 121 and 121L |
| PSY 1000 | PSY 101 |
| PSY 2250 | PSY 211 |
| WRT 1060 | ENG 112 |

Specialization in Radiologic Technology (RAD) Requirements

| Oakland University Courses | Northwestern Michigan College Courses |
|----------------------------|---------------------------------------|
| PHY 1080 | (PHY 121 and 121L) accepted |
| PHY 1090 | (PHY 122 and 122L) accepted |
| WRT 1060 | ENG 112 |

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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 NMC or at the [NMC MTA Approved Courses](#) website. If you intend to complete MTA when following this major guide, take (COM 111, (PHY 121 & 121L) or PSY 211) 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 [NMC General Education Transfer Guide](#) for the NMC courses that satisfy these specific OU General Education categories.

NOTES:

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