

Bachelor of Science with a major in Medical Physics (2017/2018 Catalog)

MAJOR REQUIREMENTS	
Oakland University Courses	Schoolcraft College Options
PHY 1510 & 1100	PHYS 211
PHY 1520 & 1110	PHYS 212
MTH 1554	MATH 150
MTH 1555	MATH 151
MTH 2554	MATH 240
APM 2555	MATH 252 - accepted
CHM 1440 & 1470	CHEM 111
CHM 1450 & 1480	CHEM 117
4 additional CHM credits not below 1440	CHEM 120, 213, 214 (other course options available at OU)
BIO 1200	BIOL 120
BIO 2100 & 2600	BIOL 237 and BIOL 2383

MICHIGAN TRANSFER AGREEMENTS:

In many cases it is to a student's advantage to complete the MTA or MACRAO agreement when fulfilling General Education requirements. This may allow for more flexibility when creating a schedule while at your community college. When choosing to complete MTA or MACRAO, please confirm the best courses to take to fulfill the agreement with your academic adviser at Schoolcraft.

Additional course requirements for MTA when following this major guide (minimum 30 credit hours required for MTA):

- ENG 101 (MTA Approved English Communication Course)
- ENG 102 (MTA Approved English Communication Course; this is a prerequisite for coursework at OU)
- MTA Approved Social Science Course
- MTA Approved Social Science Course
- MTA Approved Humanities Course
- MTA Approved Humanities Course

SPECIAL NOTE REGARDING MTA OR MACRAO: In some cases, completing the MTA or MACRAO agreement may not be practical. When using MTA or MACRAO, your ability to make the most efficient course selections at OU may be impacted depending on your accumulated credits and chosen OU major. For more details on whether or not it is recommended for you to complete MTA or MACRAO, please consult with an OU academic adviser.

If you plan to transfer without completing a transfer agreement, please reference the table below for courses that satisfy individual categories.

GENERAL EDUCATION REQUIREMENTS	
40 credits are required from categories 1-10. Each of these categories must be fulfilled by completing one course of at least 3 or more credits. A course may not be used in more than one of these categories. Please see OU Catalog for further information.	
1. Writing Foundations	ENG 102
2. Formal Reasoning	Satisfied by Major – MATH 150
3. Arts	ART 115, 116, 201; ENG 200; HUM 150, 215; MUSIC 105, 149, 164, 165, THEA 101, 231, 232
4. Foreign Language and Culture	ARB, FR, GER, SPAN (101, 102, 201 or 202); CHIN, ITAL (101 or 102); ENG 280
5. Global Perspective	ANTH 112, 201; GEOG 133; POLS 207, 209
6. Literature	ENG 170, 243, 244, 245, 246, 248, 251, 252, 275
7. Natural Science and Technology	Satisfied by Major – PHYS 211
8. Social Science	ANTH 112, 120, 201; ECON 103, 201, 202; POLS 105, 207, 209; PSYCH 201; SOC 201
9. Western Civilization	HIST 151, 152, 153; PHIL 243, 277
10. Knowledge Applications	Satisfied by Major – MATH 151
U.S. Diversity – May double count with categories 1-10	ANTH 214; ENG 200; HIST 151, 152, 153; POLS 105; SOC 201, 210
Capstone & Writing Intensive in the Major	These general education requirements MUST be met by courses taken at Oakland University.

Students who complete MTA or MACRAO according to this guide satisfy general education categories 1-9 and U.S. Diversity

EXPLORATORY:

Students with majors in the College of Arts and Sciences (CAS) must satisfy an exploratory requirement. This can be done by completing a double major or a CAS minor or concentration; or by completing a minimum of 12 credits in a single CAS rubric, outside of their major rubric. For additional options visit oakland.edu/exploratory. Only courses that are at the 100-level or above may be used to fulfill the exploratory requirement. Students using MTA or MACRAO must complete the exploratory requirement at Oakland University or another four-year institution.

Recent Changes:

HIST 134, 137 & 138 are additional options for Western Civilization Gen Ed when transferred to OU before the start of the Fall 2019 semester.

Notes:

- Please contact College of Arts and Sciences Advising at oakland.edu/casadvising or (248) 370-4567 for more information regarding your degree requirements.