

**Bachelor of Science with a major in Physics**

**MAJOR REQUIREMENTS**

Oakland University Courses	Macomb Community College Options
PHY 1510 & 1100	PHYS 2220
PHY 1520 & 1110	PHYS 2230
APM 2555	MATH 2770 (accepted)
MTH 1554	MATH 1760
MTH 1555	MATH 1770
MTH 2554	MATH 2760
10 credits of chemistry not below CHM 1440 (other options available at OU)	CHEM 1170, 1180, 2260, 2270, 2280

Students may transfer an unlimited amount of credit from Macomb, and must complete a minimum of 45 credit hours from OU to meet degree requirements. As programs may limit the transfer credits that can be used toward requirements, **it is highly recommended that students work with both an OU (school/college) academic adviser and their Macomb counselor to maximize the applicability of coursework to specific requirements.**

**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 MCC or at the [MCC MTA Approved Courses](#) website. Completing MTA when following this major guide will satisfy OU's transferrable General Education requirements.

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

- MTA Approved English Composition Course – ENGL 1180 or 1210
- MTA Approved English Composition Course – ENGL 1190 or 1220 (this is a prerequisite for coursework at OU)
- Two MTA Approved Social Science Courses
- Two MTA Approved Humanities and Fine Arts Courses

**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 reference the [MCC General Education Transfer Guide](#) for the MCC courses that satisfy these specific OU General Education categories:

- |                        |                      |                        |
|------------------------|----------------------|------------------------|
| - Writing Foundations  | - Global Perspective | - Western Civilization |
| - Arts                 | - Literature         | - U.S. Diversity       |
| - Language and Culture | - Social Science     |                        |

**EXPLORATORY REQUIREMENT:**

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](http://oakland.edu/exploratory) . Please confirm transfer course choices with an OU CAS adviser. ***Students using MTA or MACRAO must complete the exploratory requirement at Oakland University or another four-year institution.***

**NOTES:**

Oakland University will always honor the **MACRAO transfer agreement** and apply it to the General Education requirement the same as MTA.

The College of Arts and Sciences requires that a minimum of 16 credits in the major be completed at Oakland University.

Please contact [College of Arts and Sciences Advising](#) at (248) 370-4567 for more information regarding degree requirements.