

**Bachelor of Science with a major in Physics and Secondary Teacher Education Program
(STEP)**

MAJOR REQUIREMENTS

Oakland University Courses	Macomb Community College Options
PHY 1510 & 1100	PHYS 2220
PHY 1520 & 1110	PHYS 2230
MTH 1554	MATH 1760
MTH 1555	MATH 1770
MTH 2554	MATH 2760
CHM 1440 & 1470	CHEM 1170
CHM 1450 & 1480	CHEM 1180
BIO 1200 OR higher OU equivalent (additional course options available at OU):	BIOL 1000 (<i>choose for Integrated Science Endorsement</i>) OR BIO 1010, 2400, 2710, 2730
PHYS 1060	ESCI 1210 (GEOG 1800 or GEOL 1140 also accepted)
ENV 3080	BIOL 1310

Additional courses for those choosing the Integrated Science Endorsement

BIO 1300	BIOL 1010
CHM 2340	CHEM 2260

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 – ENG 1180 or 1210
- MTA Approved English Composition Course – ENG 1190 or 1220 (this is a prerequisite for coursework at OU)
- Two MTA Approved Social Science Courses (**one of these is met when GEOG 1800 is chosen above**)
- 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 (**for this category, a minimum grade of B or 3.0 is required for STEP majors**)
- Arts
- Language and Culture
- Global Perspective
- Literature
- Social Science
- Western Civilization
- U.S. Diversity

EXPLORATORY REQUIREMENT:

The College of Arts and Sciences Exploratory Requirement is met with required STEP minor/endorsement (choose minor courses with OU adviser approval).

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 your degree requirements.

Students pursuing Secondary Education must apply and be accepted into STEP at Oakland University (OU).