

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

**MAJOR REQUIREMENTS**

Oakland University Requirements	Oakland Community College Options
PHY 1510 & 1100	PHY 1610 <b>or</b> PHY 2400
PHY 1520 & 1110	PHY 1620 <b>or</b> PHY 2500
MTH 1554	MAT 1730
MTH 1555	MAT 1740
MTH 2554	MAT 2740
APM 2555	MAT 2880
CHM 1440 & CHM 1470	CHE 1510
CHM 1450 & CHM 1480	CHE 1520
BIO 1200 <b>OR</b> higher OU equivalent (additional course options available at OU):	BIO 1530 (choose for Integrated Science Endorsement)  <b>OR</b> 1560, 1570, 2540, 2560, 2630, 2640, 2710
PHY 1060	GSC 1530
ENV 3080	BIO 1500

**Additional courses for those choosing the Integrated Science Endorsement**

BIO 1300	BIO 1560
CHM 2340	CHE 2610
PHY 1040	GSC 1580

**\*Please Note: STEP majors must complete WRT 1060 (or its equivalent) with a minimum grade of B or 3.0.**

Students may transfer an unlimited amount of credit from OCC, 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 OCC 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 OCC or at the [OCC 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):**

ENG 1510 or 1510E (MTA Approved Composition course)

ENG 1520 (MTA Approved Communications Course; prerequisite for OU coursework – **B/3.0 minimum**)

Two MTA Approved Social Science Courses

Two MTA Approved Fine Arts/Humanities 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 [OCC General Education Transfer Guide](#) for the OCC courses that satisfy these specific OU General Education categories:

- |  |                        |
|--|------------------------|
| - Writing Foundations ( <b>B/3.0 minimum</b> ) | - Literature           |
| - Arts   | - Social Science       |
| - Language and Culture                         | - Western Civilization |
| - Global Perspective                           | - 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).**