

**Bachelor of Science with a major in Biology and Secondary Teacher Education Program (STEP)  
(2017/2018 Catalog)**

MAJOR REQUIREMENTS	
Oakland University Courses	St. Clair County Community College Options
BIO 1200, 1300 & 1201	BIO 100 <b>and</b> BIO 200 <b>and</b> BIO 250
BIO 3500 & 3501 (other course options offered at OU)	BIO 206
<b>BIO 2600:</b> Option that also covers Physiology area <b>BIO 2100:</b> Option that covers Zoology area (other course options offered at OU)	BIO 271 <b>and</b> BIO 272 (must take both for <b>direct equivalencies</b> )
MTH 1441	MTH 113
MTH 1222 or 1554	MTH 114
CHM 1440 & 1470	CHM 111
CHM 1450 & 1480	CHM 112
CHM 2340, 2350 & 2370	CHM 215 <b>and</b> CHM 216
PHY 1010 & PHY 1100 <b>or</b> PHY 1510 & 1100	PHY 121 <b>or</b> PHY 221
PHY 1020 & PHY 1110 <b>or</b> PHY 1520 & 1110	PHY 122 <b>or</b> PHY 222
PHY 1060	GLG 101, 102 <b>or</b> GEO 101

Additional courses for those choosing the Integrated Science Endorsement	
PHY 1040	AST 104 <b>and</b> AST 106

**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 SC4 [MTA Approved Courses](#)

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

- ENG 101 (MTA Approved Communications Course)
- ENG 102 (MTA Approved Communications 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 (minimum grade of B or better required for STEP)
2. Formal Reasoning	Satisfied by Major – MTH 114
3. Arts	ART 120, 121, 122; ENG 255; MUS 106; THA 101
4. Foreign Language and Culture	FR, GR, SP (101, 102, 203 <b>or</b> 204)
5. Global Perspective	ANT 171; GEO 102, 233; PS 230
6. Literature	ENG 205, 206, 208, 210, 211, 212, 220, 221, 225, 230, 231, 236, 243
7. Natural Science and Technology	Satisfied by Major – BIO 100, 200 & 250
8. Social Science	ANT 171; BUS 221, 222; PS 101, 230; PSY 180; SOC 101, 200
9. Western Civilization	HIS 101, 102, 149, 150, 233; PHL 210, 213
10. Knowledge Applications	Satisfied by Major – PHY 122 or 222
U.S. Diversity – May double count with categories 1-10	ENG 225, 255; HIS 149, 150, 233, 297; PS 101; SOC 101, 201
Capstone & Writing Intensive in the Major	These general education requirements <b>MUST</b> 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:**

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

Notes:

- Please contact College of Arts and Sciences Advising at [oakland.edu/casadvising](http://oakland.edu/casadvising) or (248) 370-4567 for additional information regarding your degree requirements.
- **Students pursuing Secondary Education must apply and be accepted into STEP at Oakland University (OU).**