

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

**MAJOR REQUIREMENTS**

Oakland University Courses	Mott Community College Options
BIO 1200	BIOL 111
BIO 1300	BIOL 125 <b>and</b> 126
BIO 1201	Completion of BIO 111, 125 and 126 is equivalent to BIO 1200, 1201 & 1300
BIO 3400	BIOL 227

**Major courses that satisfy multiple requirements**

The below course options transfer most efficiently from Mott; however, alternative course options exist (*consult OU adviser for best course of action*)

<b>BIO 2600:</b> Requirement option that also covers <i>Physiology area</i> <b>BIO 2100:</b> Elective option that also covers <i>Zoology area</i>	BIOL 151 <b>and</b> BIO 152 (BOTH courses must be completed to yield <b>direct equivalents</b> )
--	---

**MAJOR COREQUISITES**

MTH 1441	MATH 145 <i>or</i> MATH (130 <b>and</b> 140)
MTH 1222 <b>or</b> MTH 1554	MATH 165 <b>or</b> MATH 170
CHM 1440 & 1470	CHEM 131
CHM 1450 & 1480	CHEM 132
CHM 2340, 2350 & 2370	CHEM 237 <b>and</b> 238
PHY 1010 & PHY 1100 <b>or</b> PHY 1510 & 1100	PHYS 281 <b>or</b> PHYS 287
PHY 1020 & PHY 1110 <b>or</b> PHY 1520 & 1110	PHYS 282 <b>or</b> PHYS 288
PHY 1060	GEOG 141 <i>or</i> GEOL 151

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

PHY 1040	ASTR 117
----------	----------

**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 Mott or [MTA Approved Courses](#)

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

- ENG 101 (MTA Approved Composition Course)
- ENG 102 (MTA Approved Composition Course; this is a prerequisite for coursework at OU)
- MTA Approved Social Science Course
- MTA Approved Social Science Course
- MTA Approved Humanities and Fine Arts Course
- MTA Approved Humanities and Fine Arts 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.

Oakland University Courses	Mott Community College Options
1. Writing Foundations	ENGL 102, 104 <b>(minimum grade of B required for STEP)</b>
2. Formal Reasoning	<b>Satisfied by Major – MATH 165 or 170</b>
3. Arts	ART 110, 111, 112, 116; FILM 181; MUS 180, 182, 183, 186, 187, 271, 272; THTR 110
4. Foreign Language and Culture	ARBC, CHI 111, 112; FREN 151, 152, 251, 252; GERM, JAPA, RUSN 111, 112, 211, 212; SPAN 181, 182, 281, 282
5. Global Perspective	ANTH 200, 211; GEOG 142; HIST 152; PHIL 251; PSCN 275
6. Literature	ENGL 220, 221, 222, 223, 225, 227, 231, 232, 235, 240, 242, 253, 271
7. Natural Science and Technology	<b>Satisfied by Major – BIOL 111</b>
8. Social Science	ANTH 211, 212; ECON 221, 222; PSCN 170, 275; PSYC 281; SOCY 191
9. Western Civilization	HIST 154, 155, 254, 255; PHIL 101, 295
10. Knowledge Applications	<b>Satisfied by Major – PHYS 282 or 288</b>
U.S. Diversity – May double count with categories 1-10	ENGL 223, 235; FILM 181; HIST 154, 155, 254, 255; MUS 182; PSCN 170; SOCY 191, 294
Capstone & Writing Intensive in the Major	<b>These general education requirements must be met by courses taken at Oakland University.</b>

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

**Recent Course Changes:**

HIST 152 may be used to satisfy either the Global Perspective or Western Civilization category of General Education, must be transferred in before the start of Fall Semester 2019.

HIST 151 may be used to satisfy the Western Civilization General Education category, must be transferred in before the start of Fall Semester 2019

**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 or (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).**