

**Bachelor of Science with a major in Biology (2017/2018 Catalog)**

MAJOR REQUIREMENTS	
Oakland University Courses	Kellogg Community College Options
BIO 1200, 1300 & 1201	BIOL 109 <b>and</b> BIO 110
BIO 2600	BIOL 202
Choose one BIO elective:	BIOL 201, 202, 200 <i>or</i> 205 (additional course options available at OU)
MTH 1441	MATH 140 <i>or</i> MATH 122 <b>and</b> 124
MTH 1222 <b>or</b> 1554	MATH 141
CHM 1440 & 1470	CHEM 110
CHM 1450 & 1480	CHEM 111
CHM 2340, 2350 & 2370	CHEM 201 <b>and</b> CHEM 202
PHY 1010 & PHY 1100 <b>or</b> PHY 1510 & 1100	PHY 111 <b>or</b> PHY 221
PHY 1020 & PHY 1110 <b>or</b> PHY 1520 & 1110	PHY 112 <b>or</b> PHY 222

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

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

- ENG 151 (MTA Approved Composition Course)
- ENG 152 (MTA Approved Composition/Communications Course; ENG 152 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	
<b>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.</b>	
1. Writing Foundations	ENG 152
2. Formal Reasoning	<b>Satisfied by Major – MATH 141</b>
3. Arts	ART 210, 211, 212, 213, MUSI 211, 250, 251
4. Foreign Language and Culture	ARAB, JAPA 101, 102; FREN, SPAN 101, 102, 201, 202
5. Global Perspective	ANTH 200, HIST 202, POSC 210
6. Literature	LITE 205, 206, 211, 212, 222, 223, 240, 241
7. Natural Science and Technology	<b>Satisfied by Major – BIOL 109 &amp; 110</b>
8. Social Science	ANTH 200, ECON 201, 202, POSC 200, 201, 210, PSYC 201, SOCI 201
9. Western Civilization	HIST 103, 104, 151, 152, 240, HUMA 205, PHIL 201, 202
10. Knowledge Applications	<b>Satisfied by Major – PHY 112 or 222</b>
U.S. Diversity – May double count with categories 1-10	HIST 103, 104, 240, LITE 240, POSC 200, 201
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.*

**EXPLORATORY:**

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). Only courses that are at the 100-level or above may be used to fulfill the exploratory requirement. Students using MTA or MACRAO must complete the exploratory requirement at Oakland University or another four-year institution.

- Notes:
- Please contact College of Arts and Sciences Advising at [oakland.edu/casadvising](http://oakland.edu/casadvising) or (248) 370-4567 for more information regarding your degree requirements.