

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

MAJOR REQUIREMENTS	
Oakland University Courses	Henry Ford College Options
BIO 1200, 1201 & 1300	BIO 150 and 152
BIO 3500 & 3501 (additional course options available at OU)	BIO 251
BIO 2600: Requirement option that also covers <i>Physiology area</i> BIO 2100: Elective option that also covers <i>Zoology area</i>	BIO 2630 and 2640 (BOTH courses must be completed to yield the direct equivalents)

MAJOR COREQUISITES	
MTH 1441	MATH 175
MTH 1222 or MTH 1554	MATH 153 or MATH 180
CHM 1440 & 1470	CHEM 141
CHM 1450 & 1480	CHEM 142
CHM 2340	CHEM 241
CHM 2350	CHEM 242
CHM 2370	CHEM 243 <i>or</i> 244
PHY 1010 & PHY 1100 or PHY 1510 & 1100	PHYS 131 or PHY 231
PHY 1020 & PHY 1110 or PHY 1520 & 1110	PHYS 132 or PHY 232
ENV 3080 <i>or</i> PHY 1060	BIO 138 and 139 (this option meets multiple requirements) <i>or</i> GEOG 131 or GEOL 131

Additional coursework for those choosing the Integrated Science Endorsement	
PHY 1040	ASTR 131 and 133
Also, complete both BIO 138 and 139 AND either GEOG 131 or GEOL 131 above	

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 Henry Ford or [MTA Approved Courses](#)

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

ENG 131 (MTA Approved Composition Course)

ENG 132 (MTA Approved Composition Course; this is a prerequisite for coursework at OU)

Two MTA Approved Social Science Courses

Two MTA Approved Humanities/Fine Arts Courses

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 132 (minimum grade of B required for STEP)
2. Formal Reasoning	Satisfied by Major – MATH 153 or 180
3. Arts	ART 121, 122, 135, 224; HUM 101, MUS 130, 132, 133, 232, 233; TCM 132; THEA 131
4. Foreign Language and Culture	ARA 131, 132, 231, 232; CHN 131, 132; FRE 131, 132, 231, 232; GER 131, 132, 231, 232; ITAL 131, 132; SPN 131, 132, 231, 232
5. Global Perspective	ANTH 152; GEOG 132; POLS 152, 200; WR 131, 234, 235
6. Literature	ENG 231, 232, 233, 235, 237, 241, 243, 245, 248
7. Natural Science and Technology	Satisfied by Major – BIO 150
8. Social Science	ANTH 131; BEC 133, 151, 152; POLS 131, 152; PSY 131; SOC 131, 254
9. Western Civilization	HIST 151, 152, 243; PHIL 130, 139
10. Knowledge Applications	Satisfied by Major – PHYS 132 or 232
U.S. Diversity – May double count with categories 1-10	ENG 248; HIST 151, 152, 243; MUS 133; POLS 131; SOC 131, 251; WR 236
Capstone & Writing Intensive in the Major	These general education requirements MUST 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 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).**