

**Bachelor of Science with a major in Mathematics and Secondary Teacher Education Program (STEP)
(2018/2019 Catalog)**

MAJOR REQUIREMENTS

Oakland University Courses	Macomb Community College Options
MTH 1554	MATH 1760
MTH 1555	MATH 1770
MTH 2554	MATH 2760
MTH 2775	MATH 2000
CSI 2300	ITCS 2590
APM 2663	MATH 2200
APM 2555 (other options available at OU)	MATH 2770 - accepted

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 Macomb or [MTA Approved Courses](#)

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

- MTA Approved English Composition Course – ENG 1180 or 1210
- MTA Approved English Composition Course – ENG 1190 or 1220 (this is a prerequisite for coursework at OU)
- Two MTA Approved Humanities & Fine Arts Courses
- Two MTA Approved Science Courses
- Two MTA Approved Social Science 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.

When transferring without 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	ENGL 1190 or 1220 (minimum grade of B required for STEP)
2. Formal Reasoning	Satisfied by Major -- MATH 1760
3. Arts	ARTT 1620, 2650, 2660; HIST 2340; HUMN 1210, 1270, 1300, 1460; MUSC 1030, 1040, 2710, 2720
4. Foreign Language and Culture	ARAB 1260, 1270, 2360; CHIN 1260, 1270; FREN 1260, 1270, 2360, 2370; GRMN 1260, 1270, 2360; ITAL 1260, 1270, 2360, 2370; SPAN 1260, 1270, 2360, 2370
5. Global Perspective	ANTH 1000, 1100; ECON 2110; GEOG 2000; HIST 2520, 2650; HUMN 1700, 2000; INTL 2000, 2010, 2300, 2700, 2800; MUSC 1040; POLS 1600
6. Literature	ENGL 1730, 2510, 2520, 2600, 2610, 2710, 2720, 2730, 2740, 2800, 2810, 2850; HUMN 1750
7. Natural Science and Technology	BIOL 1000, 1010, 1310; CHEM 1000, 1050, 1170; ESCI 1210; GEOL 1140; PHSA 1050; PHYS 1180, 2220; RNEW 1000
8. Social Science	ANTH 1000, 1100, 1200; ECON 1160, 1170, 2110; POLS 1000, 1600, 1900; PSYC 1010; SOCY 1010
9. Western Civilization	HIST 1500, 1600, 1700, 2000, 2100, 2200, 2360; PHIL 2010, 2100
10. Knowledge Applications	Must be outside of OU Major area (confirm course choice with OU adviser) ARAB 2360; ARTT 1060; BCOM 2050, 2060; FREN 2360, 2370; GRMN 2360; JOUR 1100; MACA 1065; MATH 1310, 1770; PHYS 1190, 2230; PSYC 2450; SOCY 2550; SPAN 2360, 2370
U.S. Diversity – May double count with categories 1-10	ENGL 2740; HIST 2100, 2200; HUMN 1270, 1460; POLS 1000; SOCY 1010, 2550
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 (choose minor courses with OU adviser approval).

NOTES:

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 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).