

Michigan Technological University Bachelor of Science Degree Audit

Major Program: Economics

Program Code: BEC, Academic Year 2025-2026

Minimum credits required for the degree: 120

Economics (Major) Core: 18 credits

- EC 2001 (3)
- EC 3002 (3)
- EC 3003 (3)
- EC 3100 (3)
- EC 4200 (3)
- FIN 3000 (3) or EC 3400 (3)

Professional Development: choose 3 credits

- HU 3120 (3)
- HU 2830 (3)
- BUS 3900 (3)

Business Core: 24 credits

- ACC 2000 (3)
- BUS 2200 (3)
- BUS 2300 (3)
- BUS 3000 (3)
- MGT 2000 (3)
- MKT 3000 (3)
- MIS 2000 (3)
- OSM 3000 (3)

Math Requirements: 8-9 credits

- MA 1135 (4) or MA 1160 (4) or MA 1161 (5)
- MA 2720 (4)

Economics Pathways: Choose an Economics Pathway with your Academic Advisor.

The pathways represent 24-27 of the required credits for your degree. In consultation with your advisor or economics faculty you will choose one of four options:

Analytical Economics (27 credits)

Business Economics (24 credits)

Environmental & Natural Resource Economics (24 credits)

General Economics (24 credits)

Pathway Option 1: Analytical Economics (27 credits)

Required Courses: 13 credits

- EC 4100 (3)
- MIS 3100 (3)
- MA 2160 (4)
- CS 1121 (3)

Economics Electives: Select 9 to 12 credits

- EC 3300 (3)
- EC 4050 (3)
- EC 4400 (3)
- EC 4500 (3)
- EC 4710 (3)
- EC 5300 (3)
- EC 4900 (1-6)
- EC 4990 (1-6)

Other Electives: Select 2 to 6 credits

- MIS 2100 (3) or CS 1122 (3)
- MIS 4400 (3)
- MKT 3600 (3)
- FIN 4600 (3)
- ACC 4000 (3)
- MA 3160 (4)
- MA 2320 (2) or MA 2321 (2) or MA 2330 (3)
- MA 3520 (2) or MA 3521 (2) or MA 3530 (3)
- MA 3720 (3)
- MA 4780 (3)
- FW 3540 (4) or GE 2010 (3)
- GE 3250 (3)

Pathway Option 2: Business Economics (24 credits)

Economics Electives: Select 12 to 15 credits

- EC 3300 (3)
- EC 4050 (3)
- EC 4100 (3)
- EC 4400 (3)
- EC 4500 (3)
- EC 4710 (3)
- EC 4900 (1-6)
- EC 4990 (1-6)

Business Electives: Select 9 to 12 credits

- ACC 2100 (3)
- ACC 3000 (3)
- MIS 2100 (3)
- MIS 3000 (3)
- MGT 3000 (3)
- MGT 3800 (3)
- FIN 4000 (3)
- FIN 4100 (3)
- FIN 4801 (3)
- FIN 4802 (3)
- FIN 4803 (3)
- MKT 3200 (3)
- MKT 3600 (3)
- OSM 3150 (3)
- OSM 3600 (3)
- ENG 1101 (3)
 - or ENG 1101T (3) and UN 2013 (1)

Pathway Option 3: Environmental & Natural Resource Economics: (24 credits)

Required Courses: 6 credits

- EC 4640 (3)
- EC 4650 (3)

Economics Electives: Select 6 to 12 credits

- EC 3300 (3)
- EC 4050 (3)
- EC 4100 (3)
- EC 4500 (3)
- EC 4620 (3)
- EC 4630 (3)
- EC 4710 (3)
- EC 4900 (1-6)
- EC 4990 (1-6)

Other Electives: Select 6 to 12 credits

- FW 2081 (3)
- FW 3510 (3)
- FW 3540 (4) or GE 2010 (3)
- FW 4080 (2)
- FW 4545 (2)
- SS 3110 (3)
- SS 3315 (3)
- SS 3630 (3)
- SS 3800 (3)
- BL 4421 (3)
- GE 2020 (2)
- CEE 3502 (3)
- CEE 3503 (3)

Pathway Option 4: General Economics (24 credits)

Economics Electives: 15 to 18 credits

- EC 3300 (3)
- EC 4050 (3)
- EC 4100 (3)
- EC 4400 (3)
- EC 4500 (3)
- EC 4620 (3)
- EC 4630 (3)
- EC 4640 (3)
- EC 4650 (3)
- EC 4710 (3)
- EC 4900 (1-6)
- EC 4990 (1-6)

Other Free Electives: 6 to 9 credits

Free elective credits may be required depending on the number of credits completed in major requirements. Any coursework is allowable, excluding co-curricular and coursework below the 1000- level.

Essential Education requirements

- Students must complete three main components of Essential Education (First-Year Experience, Distribution or Minor Pathway, and Activities for Well-being and Success) with the credit distributions as shown below. A minimum of 37 credits is required to complete these requirements.
- Up to five Essential Education requirements and the Michigan Tech Seminar may be shared (double-counted) with major requirements. Work with your advisor to determine which major requirements may satisfy Essential Education requirements.
- Some courses are on more than one list, but each course can satisfy only one Essential Education requirement.
- Students may choose between an Essential Education minor or the Distribution Pathway. The list of Essential Education minors can be found [here](#).
- Lists of courses for each requirement can be found on the [Essential Education](#) page.

First-Year Experience (16 credits)

- Michigan Tech Seminar (1)
- Math (3)
- Natural and Physical Science (3)
- STEM (3)
- Composition (3)
- Foundations of the Human World (3)

Distribution Pathway (18 credits)

- Communication Intensive (3)
- Intercultural Competency (3)
- Arts and Culture (3)
- STEM (3)
- SHAPE (3)
- Essential Education Experience (3)

Activities for Well-being and Success (3 credits)

Free Electives

- Any coursework is allowable, excluding coursework below the 1000-level.
- The number of free elective credits required is dependent on how many additional credits are required beyond Major requirements and Essential Education requirements to reach the total credits required for the degree as indicated on the audit.

Additional Graduation Requirements

- Satisfy the 2.0 departmental and cumulative Grade Point Average
- Earn 30 upper-level credits at Michigan Tech
- [Apply for Graduation](#)