

Michigan Technological University Bachelor of Science Degree Audit

Major Program: Economics

Program Code: BEC, Academic Year 2023-2024

Total 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)

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)

Professional Development: choose 3 credits

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

Free Electives: 8 to 12 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.

Lab Science Requirements: minimum of 7 credits

Students must complete two science courses in two different disciplines from the general education science course list; at least one of these must include or be taken with the accompanying laboratory. Find eligible courses on the [General Education](#) webpage.

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)

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 3313 (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.

General Education Core, Humanities, Fine Arts, and Social Science (HASS) Requirements: 24 cr.

Courses used to complete Core and HASS requirements may not be used to complete other degree requirements. Students must complete 12 credits of Core coursework and 12 credits of Humanities, Fine Arts, and Social Science (HASS) coursework.

Repeatable courses may not be repeated for general education credit. Core and HASS courses can be found on the [General Education](#) page.

Core: 12 credits

- UN 1015 (3)
- UN 1025 or an upper level modern language (3)
- Critical and Creative Thinking (3)
- Social Responsibility and Ethical Reasoning (3)

HASS: 12 credits, six of the 12 credits must be at the 3000- or 4000- level

- Communication/Composition (minimum 3 credits)
- Humanities and Fine Arts (minimum 3 credits)
- Social and Behavioral Sciences (minimum 3 credits)
- Any course from the General Education Core, HASS, or Restricted HASS [course list](#) (0 to 3 credits)

Co-curricular Activities: 3 credits

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. Only courses on the co-curricular course list are eligible. Half (0.5) credit courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the [General Education](#) page.