Michigan Technological University Bachelor of Science Degree Audit
Major Program: Biomedical Engineering, Concentration: Engineering Enterprise
Program Code: EBEE, Academic Year 2024-2025
Total credits required for the degree: 128

Engineering Courses: 42 credits

- BE 2110 (3)
- BE 2400 (3)
- BE 2700 (3)
- BE 2800 (3)
- BE 3300 (3)
- BE 3350 (3)
- BE 3400 (2)
- BE 3700 (3)
- BE 3701 (1)
- BE 3800 (3)
- BE 4900 (2)
- EE 3010 (3)
- ENG 1101 (3) or
  - ENG 1001 (2) *and* ENG 1100 (2)
- ENG 1102 (3)
- BE 3550 (4) or
  - MEEM 2201 (3) and MEEM 3201 (4)*

*Reduce technical electives by 3 credits if MEEM2201 and MEEM3201 are completed

Math and Science: 40 credits

- BL 2010 (3)
- BL 2011 (1)
- BL 2020 (3)
- BL 2021 (1)
- CH 1150 (3)
- CH 1151 (1)
- CH 1160 (3)
- CH 1161 (1)
- MA 1121 (4) or MA 1160 (4) or MA 1161 (5)
- MA 2160 (4)
- MA 2320 (2) or MA 2321 (2)
- MA 3160 (4)
- MA 3520 (2) or MA 3521 (2)
- PH 1100 (1)
- PH 1200 (1)
- PH 2100 (3)
- PH 2200 (3)

Concentration Requirements: 10 credits

Enterprise Project Work: 6 credits

- ENT 3950 (1)
- ENT 3960 (1)
- ENT 4950 (2)
- ENT 4960 (2)

Enterprise Instructional Modules: 4 credits

ENT2950, ENT2960, ENT2961, ENT2962, ENT3954, ENT3956, ENT3958, ENT3961, ENT3963, ENT3964, ENT3966, ENT3967, ENT3971, ENT4951, ENT4954, ENT4961

Approved Technical Electives: 9 credits

BE4000, BE4100, BE4115, BE4200, BE4230 BE4250, BE4300, BE4330, BE4335, BE4350, BE4410, BE4450, BE4510, BE4670, BE4700, BE4755, BE4760, BE4770, BE4800, BE4850, BE4870, BE4930, EE3131, EE3140, EE3160, EE3261, EE4232, EE4240, MEEM2700, MEEM3700, MEEM3210, MEEM4160, MSE3120, MSE4100, MSE4110, MSE4120, MSE4205, MSE4250, MSE4300, MSE4410, MSE4430, MSE4600, MSE4800

Free Electives: 1 to 3 credits

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 credits

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.