

Michigan Technological University
Bachelor of Science Degree Audit
Major Program: Engineering Management
 Program Code BEM, Academic Year 2020-21
 Total credits required for the degree: 128

Business Core Requirements: 42 credits

| Course | Credits |
|----------|---------|
| ACC 2000 | 3 |
| ACC 2100 | 3 |
| BUS 1100 | 3 |
| BUS 2200 | 3 |
| BUS 2300 | 3 |
| EC 2001 | 3 |
| EC 3100 | 3 |
| FIN 3000 | 3 |
| MGT 2000 | 3 |
| MGT 3000 | 3 |
| MGT 4000 | 3 |
| MIS 2000 | 3 |
| MKT 3000 | 3 |
| OSM 3000 | 3 |

Math Requirements: 11 to 13 credits

| Course | Credits |
|--------------------|---------|
| MA 1160 or MA 1161 | 4 or 5 |
| MA 2160 | 4 |
| MA 2720 or MA 3710 | 4 or 3 |

Lab Science Requirements: 8 credits

| Course | Credits |
|---------|---------|
| CH 1150 | 3 |
| CH 1151 | 1 |
| PH 1100 | 1 |
| PH 2100 | 3 |

Engineering Requirements: 23 to 25 credits

| Course | Credits |
|-------------------------------------|---------|
| CEE 3503 | 3 |
| EE 3010 | 3 |
| ENG 1101 | 3 |
| ENG 1102 | 3 |
| ENG 3200 | 4 |
| ENG 2120 or (MET 2110 and MET 2150) | 4 or 6 |
| MSE 2100 | 3 |

Engineering Management Requirements: 9 credits

| Course | Credits |
|----------|---------|
| MGT 4600 | 3 |
| OSM 4300 | 3 |
| OSM 4650 | 3 |

CAPSTONE: choose one option for 6 credits

[Option 1: Enterprise](#)

| Course | Credits |
|-------------------------------|---------|
| ENT 4900 | 2 |
| ENT 4910 | 2 |
| and select two courses below: | |
| ENT 1960 | 1 |
| ENT 2950 | 1 |
| ENT 2960 | 1 |
| ENT 3950 | 1 |
| ENT 3960 | 1 |
| ENT 4961 | 1 |

[Option 2: Select a two-course cluster, courses must have the same prefix](#)

| | |
|--------------|---|
| ACC 3500 | 3 |
| and ACC 4500 | 3 |
| BUS 4991 | 3 |
| and BUS 4992 | 3 |
| EC 3300 | 3 |
| and EC 4200 | 3 |
| FIN 4100 | 3 |
| and FIN 4500 | 3 |
| MGT 3800 | 3 |
| and MGT 4200 | 3 |
| MIS 3000 | 3 |
| and MIS 3200 | 3 |
| MKT 4100 | 3 |
| and MKT 4200 | 3 |
| OSM 3600 | 3 |
| and OSM 4700 | 3 |

[Option 3: Internship and project management](#)

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|----------|---|
| BUS 3900 | 3 |
| OSM 4350 | 3 |

Free Electives: 1 to 5 credits

Any coursework is allowable, excluding co-curricular and coursework below the 1000-level.

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General Education Core and HASS

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

| Course | 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 HASS credits must be at the 3000 or 4000 level (an upper division language course in place of UN1025 does not meet this requirement). No more than three credits may come from the HASS Restricted course list.

| Course | Credits |
|--|-----------|
| Communication/ Composition | Minimum 3 |
| Humanities and Fine Arts | Minimum 3 |
| Social and Behavioral Sciences | Minimum 3 |
| Course from any list above or from the Restricted HASS course list | 0 to 3 |

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 credit (0.5) courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the [General Education](#) page.

| Course | Credits |
|--------|---------|
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