Michigan Technological University Registrar's Office

| Major Requirements: 85 Credits |  |  |
| :--- | :---: | :---: |
| Course Number | Credits | Course Status Code <br> M, R, P, WVD, SUB* |
| CH 1150 | 3 |  |
| CH 1151 | 1 |  |
| CS 1111 | 3 |  |
| EE 1110 | 1 |  |
| EE 1111 | 1 |  |
| EE 2111 | 3 |  |
| EE 2112 | 4 |  |
| EE 2174 | 4 |  |
| EE 3131 | 4 |  |
| EE 3140 | 3 |  |
| EE 3160 | 3 |  |
| EE 3171 | 4 |  |
| EE 3180 | 3 |  |
| EE 3250 | 3 |  |
| EE 3261 | 3 |  |
| EE 3901 | 2 |  |
| ENG 1101 or | $3 / 4$ |  |
| ENT 1001 and ENG 1100 | 3 |  |
| ENG 1102 | 3 |  |
| MA 1160 or MA 1161 | $4 / 5$ |  |
| MA 2160 | 4 |  |
| MA 2321 | 2 |  |
| MA 3160 | 4 |  |
| MA 3521 | 2 |  |
| PH 1100 | 1 |  |
| PH 1200 | 3 |  |
| PH 2100 | 3 |  |
| PH 2200 |  |  |
| EE Electives -6 credits |  |  |
| S |  |  |

Select any EE course not listed above except CS1000, EE3010, 4000, 4805, 4901, 4910

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## Major Requirements: 85 Credits

| Course Number | Credits | Course Status Code M, R, P, WVD, SUB* |
| :---: | :---: | :---: |
| Senior Design Path: 4 credits |  |  |
| (May use MEEM 4901 and MEEM 4911) |  |  |
| EE 4901 | 2 |  |
| EE 4910 | 2 |  |
| OR |  |  |
| Enterprise Design Path: 6 credits |  |  |
| Engineering Design: Select 6 credits from the following: <br> ENT3950, ENT3960, ENT4950 and ENT4960 OR <br> ENT3960, ENT4950, ENT4960 and ENT module from following: <br> ENT2961, ENT2962, ENT3959, ENT3963, ENT3966, ENT3967, <br> ENT3971, ENT3982, ENT3983, ENT4951 |  |  |
|  | 1 |  |
|  | 1 |  |
|  | 2 |  |
|  | 2 |  |
| Credit Subtotal |  |  |

## Concentration Requirements: 19 Credits

| BL 2010 | 3 |  |
| :---: | :---: | :---: |
| BL 2020 | 3 |  |
| BE 2400 | 3 |  |
| BE 3700 | 3 |  |
| BE 3701 | 1 |  |
| BE 2800 or BE 3300 | 3 |  |
|  |  |  |
| BEA Elective: choose one cour BE2800, BE3300, BE3350, BE38 |  | 0, BE4610, BE4700, BE4755 |
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| Credit Subtotal |  |  |

*M-Passed with valid grade, transfer, or Advance Placement credit; Registered in course; Plan to take in future, WVD-Waived course or credit (does not reduce total degree credits required), SUB-Petitioned as substitute course.

General Education Requirements: 24 Credits Course Number $\quad$ Credits $\begin{aligned} & \text { Course Status Code } \\ & \text { M, R, P, WVD, SUB* }\end{aligned}$
Courses used to complete General Education may not be used to complete other degree requirements.

| Core: 12 Credits |  |  |
| :---: | :---: | :---: |
| UN 1015 | 3 |  |
| UN 1025 or upper level modern language | 3 |  |
| Critical and Creative Thinking | 3 |  |
| Social Responsibility and Ethical Reasoning | 3 |  |
| HASS: 12 Credits |  |  |
| $\checkmark$ Students must complete 12 credits of HASS course work <br> $\checkmark$ Six of the 12 credits must be at the 3000 - or 4000 - level* <br> $\checkmark$ At least three credits each in the following: Communication/Comp, Humanities and Fine Arts, and Social \& Behavioral Sciences. <br> $\checkmark$ No more than three credits may come from the Restricted List |  |  |
| Communication/ Composition | minimum 3 |  |
| Humanities and Fine Arts | minimum $3$ |  |
| Social and Behavioral Sciences | $\begin{gathered} \text { minimum } \\ 3 \end{gathered}$ |  |
| Course from any list above or Restricted List | 0-3 |  |

*an upper division language course in place of UN1025 does not meet this requirement.

## Co-Curricular Activities: 3 Credits

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.

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## Free Electives: 0 Credits

| Course Number | Credits | Course Status Code <br> M, R, P, WVD, SUB* |
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