Michigan Technological University Registrar's Office

| Core Requirements: 32 - 33 Credits |  |  |
| :--- | :---: | :---: |
| Course Number | Credits | Course Status Code <br> M, R, P, WVD, SUB* |
| CS 1121 and CS 1122 <br> or CS 1131 | $5 / 6$ |  |
| CS 2311 | 3 |  |
| CS 4000 | 3 |  |
| CS 4510 | 3 |  |
| CS 4723 or EE 4723 | 3 |  |
| SAT 1700 | 3 |  |
| SAT 2711 | 4 |  |
| SAT 3812 | 3 |  |
| SAT 4816 | 3 |  |
| MA 2320 | 2 |  |

Math Requirements: 8-9 Credits

| MA 1160 or MA 1161 | $4 / 5$ |  |
| :--- | :---: | :---: |
| MA 2720 | 4 |  |

## Lab Science Requirements: 7 Credits

Students must complete two science courses in two different disciplines, from the Science Course List; at least one of these must include or be taken with the accompanying laboratory.

|  |  |  |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |

## Technical Elective Courses: 6 Credits

HU3120, SS3640, MIS4200, OSM4300, ENT3950 and ENT3960, CS3000 - CS5999, EE3000 - EE5999, SAT3000 - SAT5999

|  |  |  |  |  |  |
| :--- | :--- | :--- | :---: | :---: | :---: |
|  |  |  |  |  |  |
| Credits Subtotal |  |  |  |  |  |
|  |  |  |  |  |  |

## Culminating Experience: 4 Credits

Choose one from any of the following three options. All activities need preapproval from the department advisor and include a significant cybersecurity experience.

## Senior Design I \& II

| CS/SAT 4793 | 2 |
| :--- | :--- |
| CS/SAT 4794 | 2 |

Undergraduate Cooperative Education I \& II

| UN 3002 | 2 |  |
| :--- | :--- | :--- |
| UN 3003 | 2 |  |

Enterprise Project Work

| ENT 4950 | 2 |  |
| :--- | :--- | :--- |
| ENT 4960 | 2 |  |
| Credits Subtotal |  |  |
|  |  |  |
|  |  |  |

[^0]General Education Requirements: 24 Credits
Course Number
Credits Course Status Code M, R, P, WVD, SUB*

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, <br> 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.

| Co-Curricular Activities: 3 Credits |  |  |
| :--- | :--- | :--- |
| Required for graduation, but not included in the GPA calculation or in the <br> overall credits required for the degree. |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Free Electives: 2 to 4 Credits

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

Advisor Use Only
Total Credits Required
Total Credits Completed

Total Credits Needed


[^0]:    *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.

