Michigan Technological University
# Registrar's Office

1885

Student Name and ID Number                                   Estimated Graduation Date

| Major Requirements: 61 - 64 Credits | | |
|---|---|---|
| **Course Number** | **Credits** | **Course Status Code M, R, P, WVD, SUB*** |
| CS 1000 | 1 | |
| CS 1121 **and** CS 1122  **or** CS 1131 | 6/5 | |
| CS 1142 | 3 | |
| CS 2311 **or** MA3210 | 3 | |
| CS 2321 | 3 | |
| CS 3000 | 2 | |
| CS 3141 | 3 | |
| CS 3311 | 3 | |
| CS 3331 | 3 | |
| CS 3411 | 3 | |
| CS 3421 | 3 | |
| CS 3425 | 3 | |
| CS 4121 | 3 | |
| CS 4321 | 3 | |
| HU 3120 | 3 | |
| MA 1160 **or** MA 1161 | 4/5 | |
| MA 2720 **or** MA 3710 | 4/3 | |
| **Technology and Society: 3 Credits** | | |
| Select one of the following: HU3701, HU3710, HU3810, MA4945, SS3510, SS3511, SS3520, SS3530, SS3580, SS3581, SS3630, SS3640, SS3800, SS3801 | | |
| | 3 | |
| **STEM Lab Science: 7 Credits** | | |
| Courses taken to meet STEM Lab/Science must be from the approved STEM Science course list. Two different disciplines (BL, CH, KIP, FW, GE, PH, SS) are required and at least one course must be taken with the accompanying laboratory. | | |
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| **Credit Subtotal** | | |

| Concentration Requirements: 25 - 28 Credits | | |
|---|---|---|
| **Course Number** | **Credits** | **Course Status Code M, R, P, WVD, SUB*** |
| **Applications Area: 16 - 19 Credits** | | |
| Must be approved by the undergrad curriculum committee. Depending on application area, up to 7 additional Math credits may be required. | | |
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| CS 4yyy* | 3 | |
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| **Technical Electives: 6 Credits (See Note)** | | |
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| **Credit Subtotal** | | |

*CS4yyy may be satisfied by CS4099

Note: The technical electives plus the one 4000- level CS electives total 9 credits.

*__M__-Passed with valid grade, transfer, or Advance Placement credit; __R__egistered in course; __P__lan 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** | **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** | | |
| ✓ Students must complete 12 credits of HASS course work | | |
| ✓ Six of the 12 credits must be at the 3000- or 4000- level* | | |
| ✓ At least three credits each in the following: Communication/Comp, Humanities and Fine Arts, and Social & Behavioral Sciences. | | |
| ✓ 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 | minimum 3 | |
| Course from any list above or Restricted List | 0-3 | |

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

| Free Electives: 7 - 13 Credits | | |
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| **Course Number** | **Credits** | **Course Status Code M, R, P, WVD, SUB*** |
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| **Credit Subtotal** | | |

| Co-Curricular Activities: 3 Credits | | |
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| Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. | | |
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| Advisor Use Only | |
|---|---|
| **Total Credits Required** | 123 |
| **Total Credits Completed** | |
| **Total Credits Needed** | |

Student Signature                                          Date

Departmental Approval                              Date