KEY:

F: INDICATES COURSE IS OFFERED FALL SEMESTER
S: INDICATES COURSE IS OFFERED SPRING SEMESTER
Su: INDICATES COURSE IS OFFERED SUMMER SEMESTER

(L): INDICATES A COURSE WHICH INCLUDES A LAB MUST BE

(CO-REQ) OR TAKEN PRIOR TO THE COURSE (PRE-REQ)

(C): INDICATES THE COURSE CAN EITHER BE TAKEN AT THE SAME TIME

SCHEDULED IN ADDITION TO THE LECTURE

F, S, Su

F, S, Su

F, S, Su

GEOSPATIAL ENGINEERING FLOWCHART

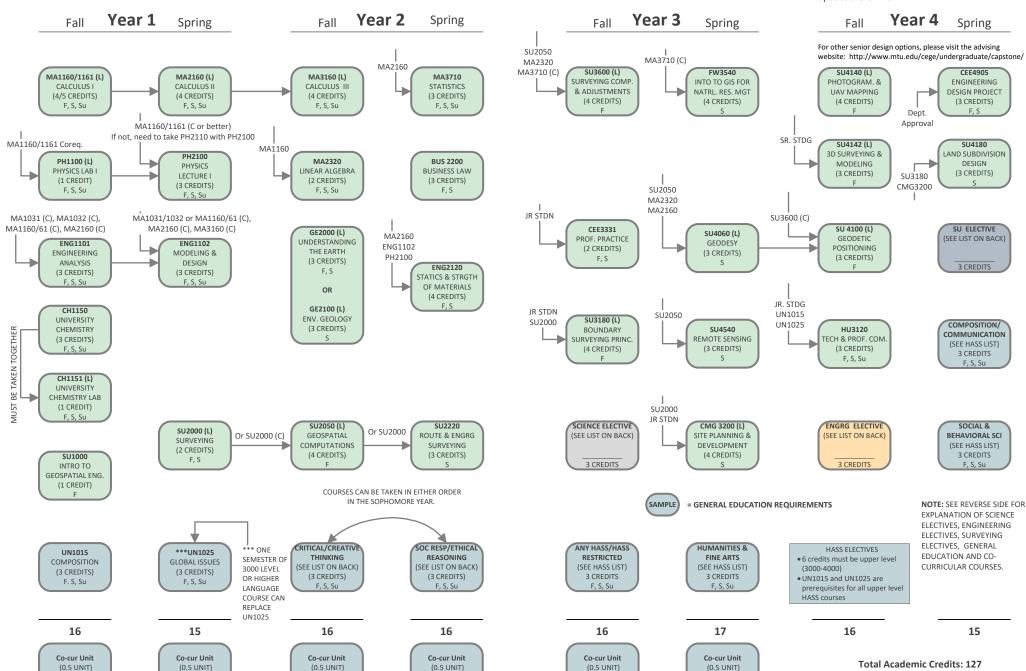
Academic Year 2024-25

Michigan Tech

This is not an official list of degree requirements. Adjustments may be required due to curriculum changes.

Total Co-Curricular Units: 3

Updated: 5.31.2024



F, S, Su

F, S, Su

F, S, Su

ENGINEERING ELECTIVES (3 credits) CEE3101 Civil Engineering Materials (F, S) 3 cr CEE3200 Thermo/Fluids (F, S, Su) 4 cr CEE3332 Fundamentals of Construction (F, S) (3 cr) 3 cr CEE3401 Transportation Engineering (F, S)(3 cr) 3 cr CEE3810 Soil Mechanics (F, S) 4 cr **ENTXXXX** Enterprise (Except 3960/4950) (F, S) var UN3002 Co-op (F, S, Su) var

SCIENCE ELECTIVES (3 credits) BL2001 Valuing the Great Lakes (F, Su) 3 cr BL2160 Botany (S) 4 cr Chemistry Recitation I (F, S, Su) CH1153 1 cr Vegetation of North America (F) FW2010 4 cr PH1200/2200 Physics II (F, S, Su) 3 cr + 1 cr PH1600/1610 Introductory Astronomy & Lab (F, S, Su) 2 cr + 1 cr GE3850 Geohydrology (S) 3 cr

SURVEYING ELECTIVES (3 credits)					
SU4010	Geospatial Concepts, Technologies, and Data	3 cr			
SU4011	Cadastre and Land Information Systems	3 cr			
SU4012	Geospatial Data Mining and Crowdsourcing	3 cr			
SU4013	Hydrographic Mapping & Surveying	3 cr			
SU4300	Geospatial Monitoring	3 cr			
SU4996	Special Topics in Geospatial Technologies	var			
SU4997	Independent Study in Geospatial Technologies	var			
SU4998	Undergrad Research in Geospatial Technologies	var			

UNDERGRADUATE CATALOG (COURSE DESCRIPTIONS):

www.mtu.edu/catalog/courses/

GENERAL EDUCATION (CO-CURRICULAR & HASS LIST):

www.mtu.edu/registrar/faculty-staff/advisors/gen-ed/

GENERAL EDUCATION REQUIREMENTS

- A. CORE COURSES (12 CREDITS)
- 1. UN1015 (COMPOSITION)
- 2. UN1025 (GLOBAL ISSUES) or 3000+ level Modern Language Course
- 3. CRITICAL AND CREATIVE THINKING

ART1000, ART2195, HU2130, HU2324, HU2501, HU2503, HU2538, HU2700, HU2701, HU2820, HU2910, MUS1000, MUS1140, SND1000, SS1500, SS2300, THEA1000

4. SOCIAL RESP. & ETHICAL REASONING

EC2001, PSY2000, SS2100, SS2200, SS2400, SS2500, SS2501, SS2502, SS2503, SS2504, SS2505, SS2600, SS2610, SS2700

B. HASS COURSES (12 CREDITS)

(General Ed Website, left)

- 1. COMM/COMP: _____

 2. HUMANITIES & FINE ARTS: ____

 3. SOCIAL & BEHAVIORAL SCIENCES: ____

 4. ANY HASS OR HASS RESTRICTED COURSE:
- 6 credits must be upper division 3000-4000 level courses
- No more than 3 credits from the HASS Restricted list can be used to satisfy HASS requirements.
- Each course can satisfy only one requirement.

C. CO-CURRICULAR ACTIVITIES (3 UNITS)

(General Ed Website, left)

1	2	3	

Δ	5	6
T	J	0