

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 SCHEDULED IN ADDITION TO THE LECTURE

(C) INDICATES THE COURSE CAN EITHER BE TAKEN AT THE SAME TIME (CO-REQ) OR TAKEN PRIOR TO THE COURSE (PRE-REQ)

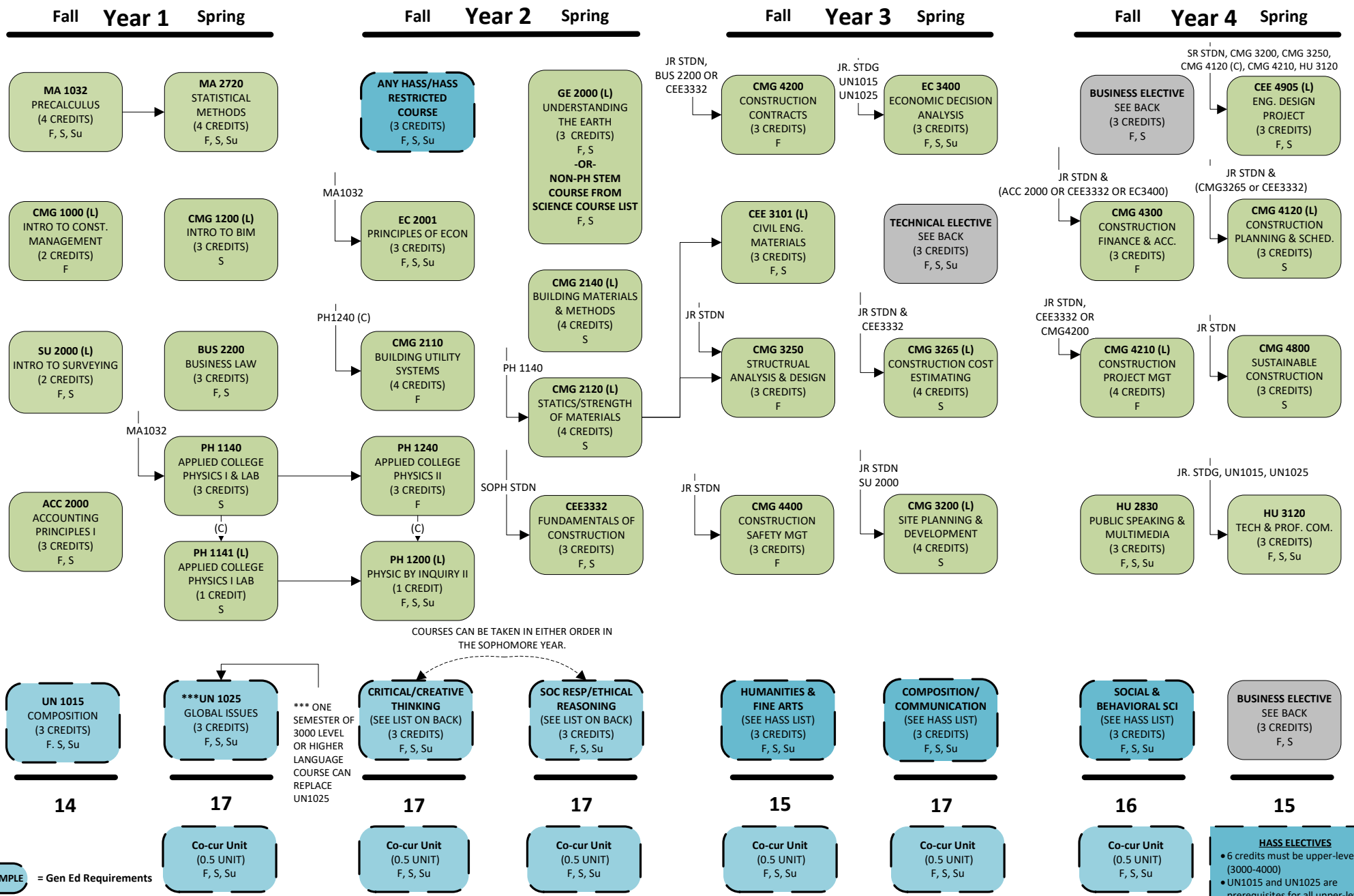
Total Academic Credits: 128
Total Co-Curricular Units: 3

CONSTRUCTION MANAGEMENT FLOWCHART

Academic Year 2023-24



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



NOTE: SEE REVERSE SIDE FOR EXPLANATION OF PROFESSIONAL ELECTIVES, GENERAL EDUCATION AND CO-CURRICULAR COURSES

Updated 05/26/2023

HASS ELECTIVES

- 6 credits must be upper-level (3000-4000)
- UN1015 and UN1025 are prerequisites for all upper-level HASS courses

Business Elective List (6 credits)

| | | |
|----------|---|-------|
| MGT 2000 | Team Dynamics and Decision Making (F, S) | 3 cr |
| MGT 3000 | Organizational Behavior (F, S) | 3 cr. |
| MGT 3800 | Innovation & Entrepreneurship (F, S) | 3 cr. |
| OSM 3000 | Operations & Supply Chain Management (F, S, Su) | 3 cr. |
| OSM 3150 | Intro to Supply Chain Management (F) | 3 cr. |
| OSM 3600 | Procurement and Supply Management (F) | 3 cr. |

Technical Elective List (3 credits)

| | | |
|----------|---|-------|
| BUS 2300 | Quantitative Problem Solving (F, S) | 3 cr. |
| CEE 3331 | Professional Practice (F, S) | 2 cr. |
| CEE 3401 | Transportation Engineering (F, S) | 3 cr. |
| CEE 3490 | Intro to Rail Transportation (F) | 1 cr. |
| CEE 4101 | Bituminous Materials (F) | 3 cr. |
| CEE 4233 | Structural Timber Design (S) | 3 cr. |
| CEE 4333 | Estimating and Planning of Construction Proj. (S) | 3 cr |
| CMG 4000 | Design-Build Project Delivery (On Demand) | 3 cr. |
| CMG 4100 | Construction Equipment Management (On Demand) | 3 cr. |
| CMG 4996 | Spec. Topics in CMG (On Demand) | var. |
| CMG 4997 | Ind. Study in CMG (On Demand) | var. |
| CMG 4998 | UG Research in CMG (On Demand) | var. |
| ENT 3959 | Fundamentals of Six Sigma (F) | 1 cr. |
| ENT 3967 | Design of Six Sigma (S) | 1 cr. |
| ENT 3984 | Lean Six Sigma Principles (F) | 1 cr. |
| MGT 3000 | Organizational Behavior (F, S) | 3 cr. |
| MGT 4600 | Management of Technology and Innovation | 3 cr. |
| MKT 3000 | Principles of Marketing (F, S, Su) | 3 cr. |
| OSM 3000 | Operations & Supply Chain Management (F, S, Su) | 3 cr. |
| OSM 3150 | Intro to Supply Chain Management (F) | 3 cr. |
| OSM 3600 | Procurement and Supply Management (F) | 3 cr. |
| OSM 4650 | Six Sigma Fundamentals (F, S) | 3 cr. |
| SU 2050 | Plane Surveying (F) | 4 cr. |
| SU 2220 | Route/Engineering Surveying (S) | 3 cr. |
| UN 3002 | Undergrad Cooperative Education I (F, S, Su) | var. |

UNDERGRADUATE CATALOG:

<https://www.mtu.edu/catalog/courses/>

GENERAL EDUCATION (CO-CURRICULAR, HASS LIST, STEM LIST):

<https://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, HU2130, HU2324, HU2501, HU2503, HU2538, HU2700, HU2701, HU2820, HU2910, MUS1000, SND1000, 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. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ | 6. _____ |