

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)

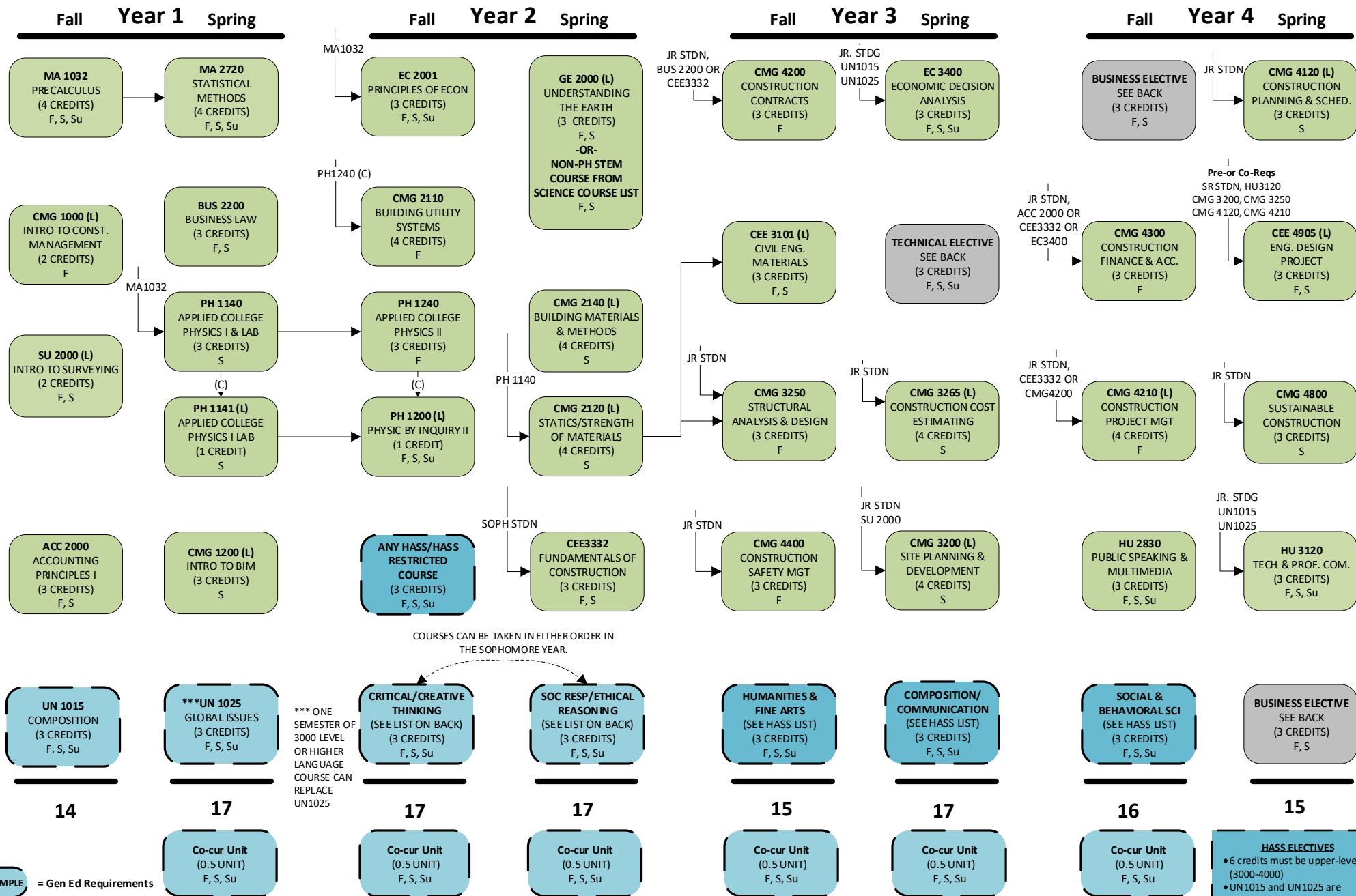
Total Academic Credits: 128  
Total Co-Curricular Units: 3

# CONSTRUCTION MANAGEMENT FLOWCHART

## Academic Year 2021-22



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



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

Updated 06/14/2021

**Business Elective List (6 credits)**

MGT 3000	Organizational Behavior (F, S)	3 cr.
MKT 3000	Principles of Marketing (F, S, Su)	3 cr.
OSM 3000	Operations & Supply Chain Management (F, S, Su)	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.
ENT3959	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.
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, 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. _____ |