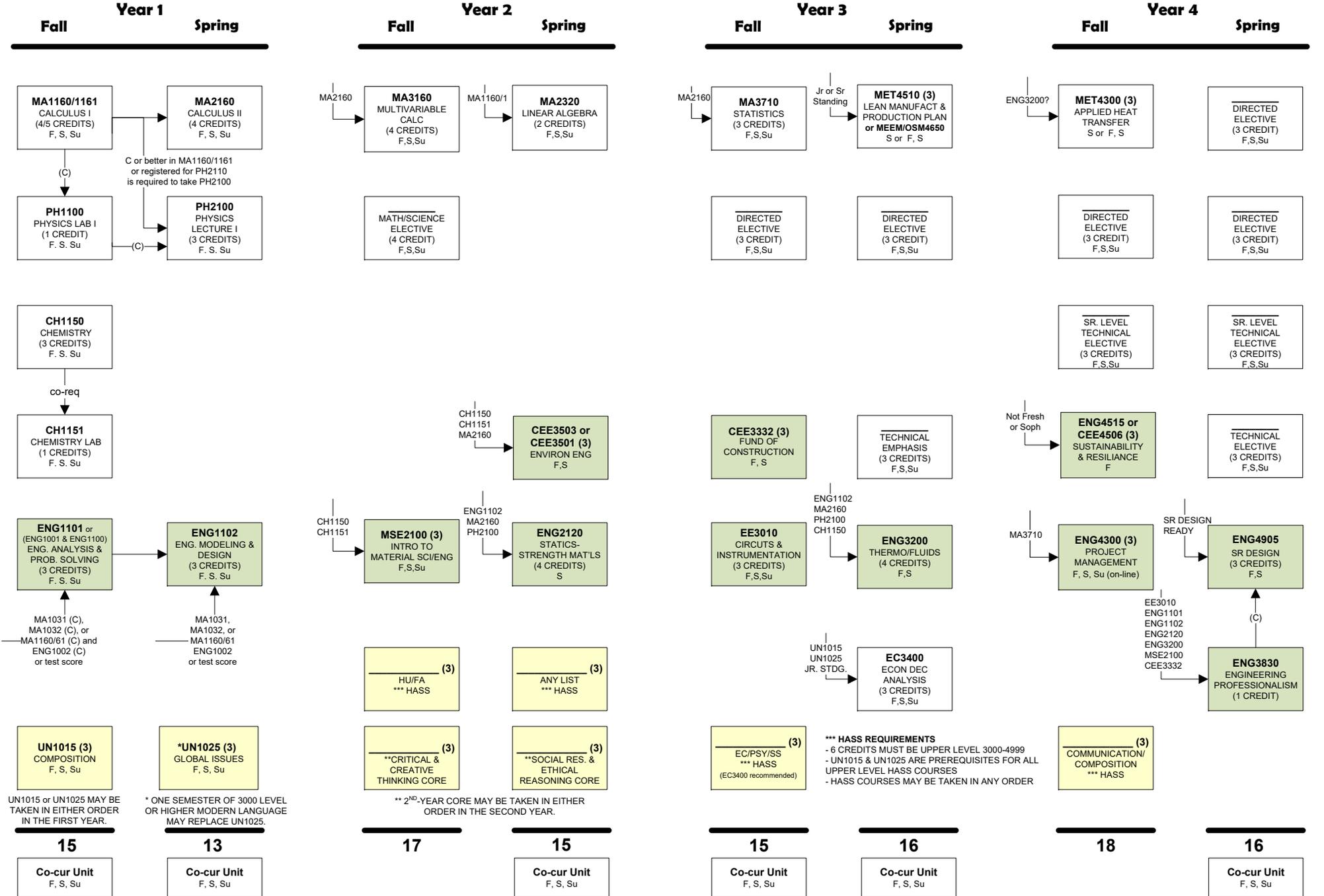
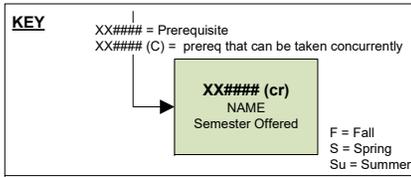


EngineeringPlus Emphasis 2022/23

Updated September 2022

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

See back of academic plan for more information on requirements for elective courses.



BSE EngineeringPlus Emphasis 2022-23
(minimum of 125 credits)

Academic questions: E-mail eadvise@mtu.edu

- 1 Senior Design **Prerequisite courses:**
 ENG1101, ENG1102, ENG2120, ENG3200, ENG3830 (C), and
 EE3010.
- 2 General Education Requirements (24 credits + 3 PE units):

I. Core Courses (12 credits)

___ UN1015 Composition

___ UN1025 Global Issues or 3000+ Modern Language _____

___ Critical/Creative Think List _____

___ Social Resp./Ethical Reason List _____

II. HASS Courses Requirements (12 credits)
(www.admin.mtu.edu/em/documents/HASS Distribution List.pdf)

- 6 credits upper level (3000- 4999)
 - 3 credits from each listed below

___ Communication/Composition _____

___ Humanities/Fine Arts List (HU/FA)** _____

___ Social & Behavioral Science List (EC/PSY/SS)** _____

___ 3 credits from any list** _____

* **EC3400** is required by the degree, and may **NOT** be counted as a Social Resp./
 Ethical Reason or HASS course.

III. Co-curricular activities (3 units)

In the co-curricular requirement, the three semester units will be physical
 education activities. These units are required for graduation, but are not included
 in the calculation of the GPA, nor in the overall degree-credit requirement. Note:
 most physical education activities will last for 7 ½ weeks or ½ semester. A
 student would need **six** of these ½-semester units to fulfill the 3-semester unit co-
 curricular requirement.

PE _____ PE _____ PE _____

PE _____ PE _____ PE _____

- 3 Quality Control Elective (select 3 credits):

___ MET4510 ___ MEEM4650 ___ OSM4650

- 4 Sustainability Elective (select 3 credits):

___ ENG4515 ___ CEE4506

- 5 Math/Science Elective (select 4 credits):

- 6 Technical Electives (12 credits):

Select 12 credits engineering credits at the 3000+ level in a coherent plan
 of study that is approved by the Academic Advisor for the Bachelor of
 Science in Engineering program, Department Chair of Engineering
 Fundamentals and Academic Dean for the College of Engineering. 6 credits
 must be 4000+ level.

- 7 Directed Electives (15 credits):

Select 15 credits in a coherent plan of study such as partial fulfillment of a
 university approved minor, or a self-defined program with the advice of the
 BSE Academic Advisor.
