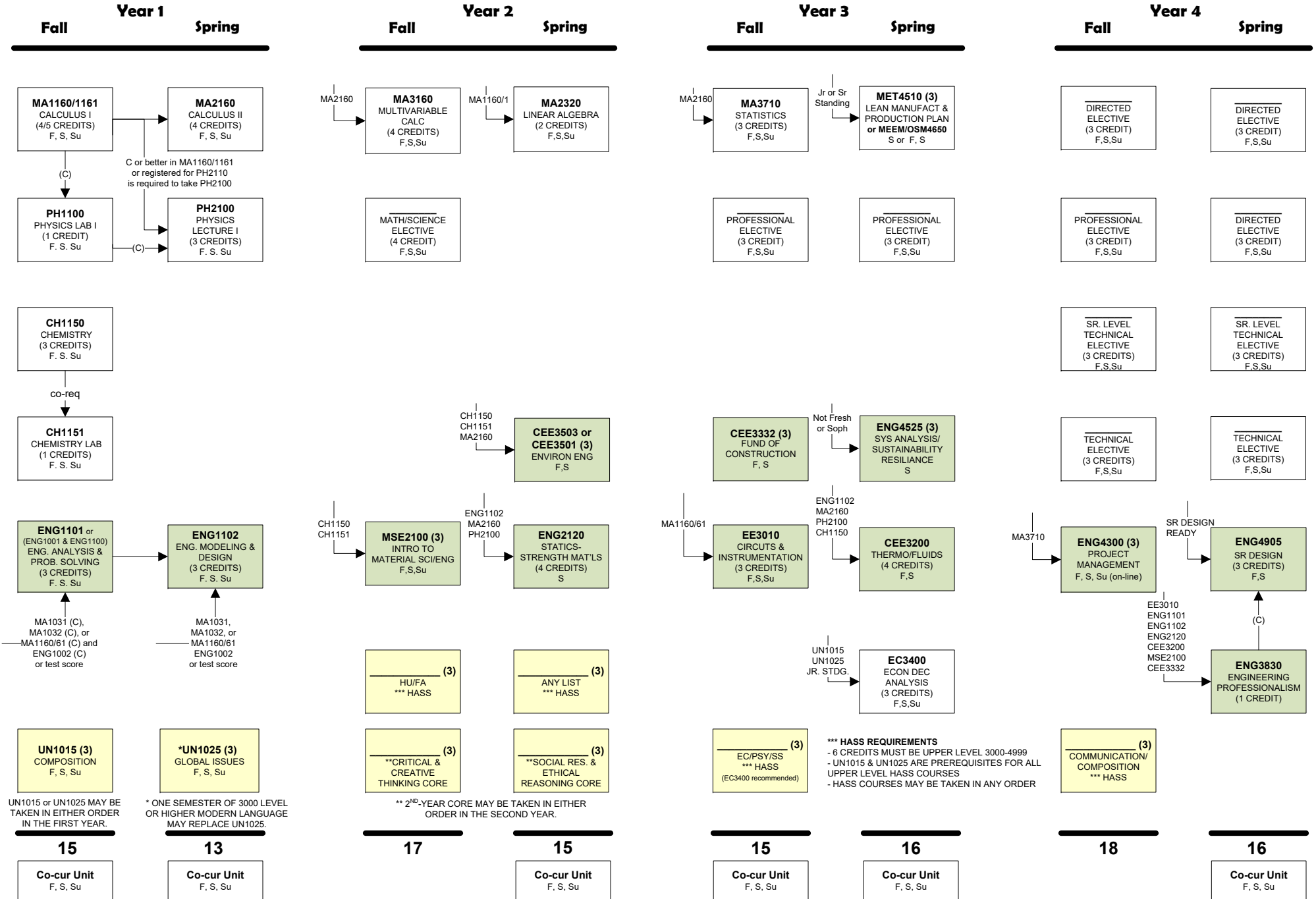
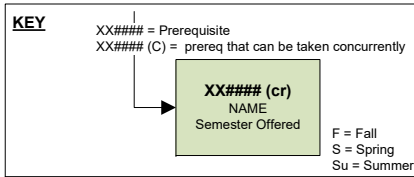


EngineeringPlus Emphasis 2023/24

Updated September 2023

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 2023-24
(minimum of 125 credits)

Academic questions: E-mail eadvise@mtu.edu

- 1 Senior Design **Prerequisite courses:**
 ENG1101, ENG1102, ENG2120, CEE3200, ENG3830 (C), MSE2100, CEE3332, 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
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4 Math/Science Elective (select 4 credits):

_____ _____ _____

5 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.

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

6 Directed Electives (9 credits):

Select 9 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.

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

7 Professional Electives (9 credits):

Select 9 credits in a coherent plan of study 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.

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____