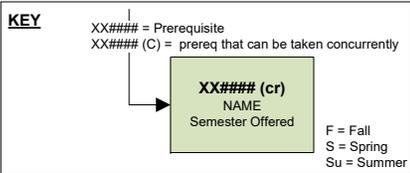


BSE with Business Emphasis 2022/23

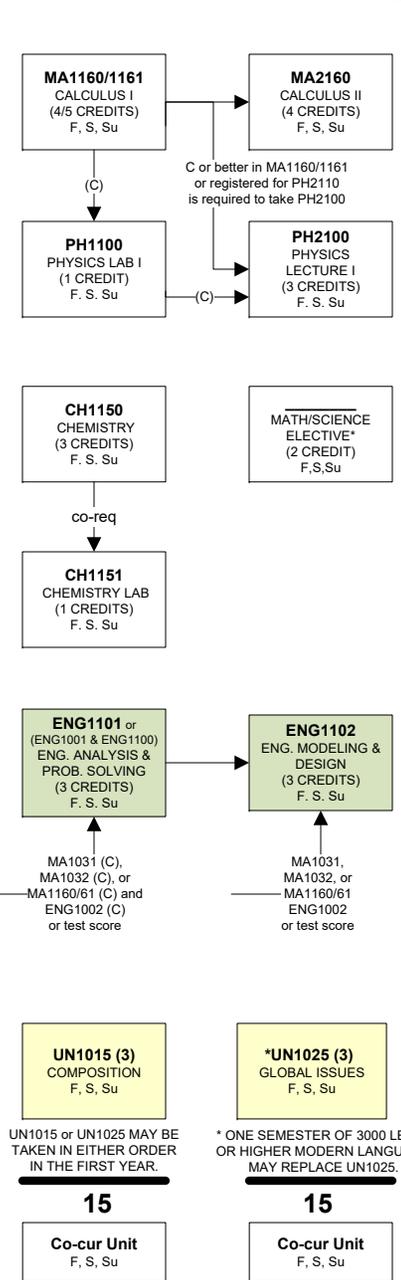
Updated September 2022

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

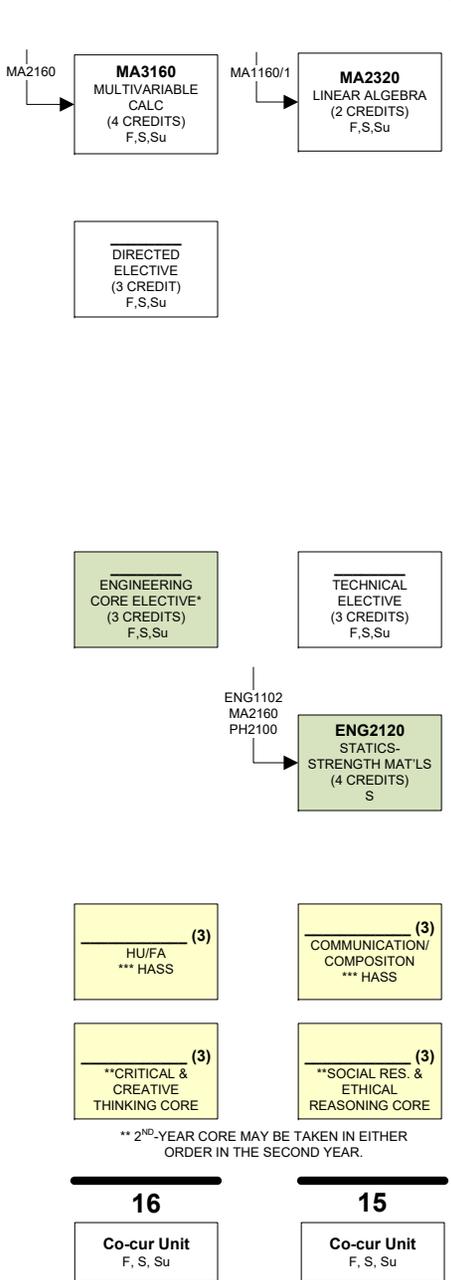
See back of academic plan for more information on requirements for elective courses.



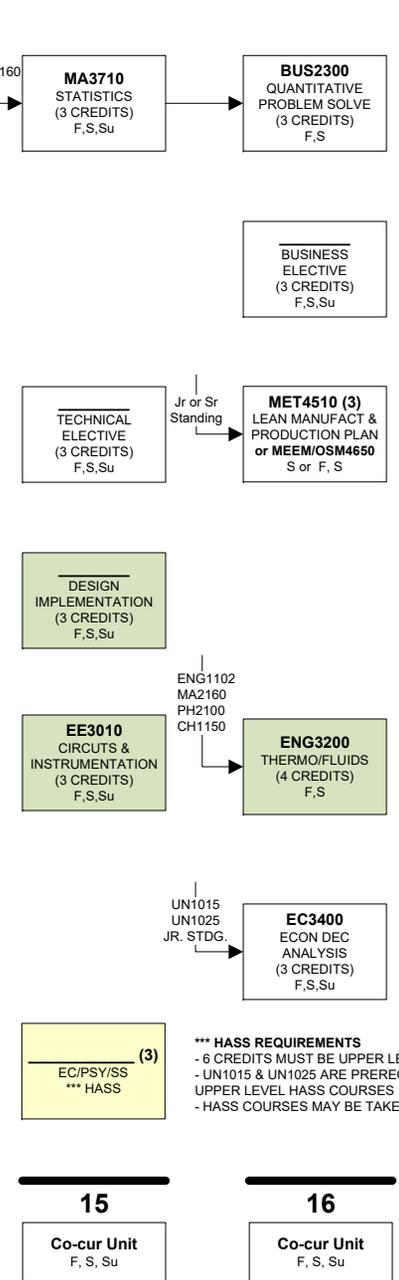
Year 1



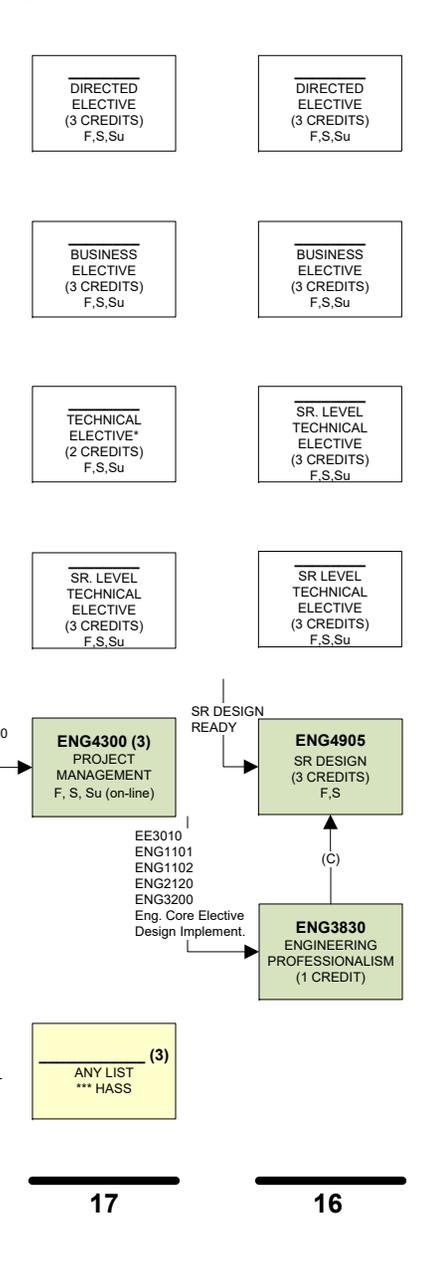
Year 2



Year 3



Year 4



BSE with Business 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):

<p>I. Core Courses (12 credits)</p> <p>___ UN1015 Composition</p> <p>___ UN1025 Global Issues or 3000+ Modern Language _____</p> <p>___ Critical/Creative Think List _____</p> <p>___ Social Resp./Ethical Reason List _____</p> <p>II. HASS Courses Requirements (12 credits) <i>(www.admin.mtu.edu/em/documents/HASS Distribution List.pdf)</i></p> <p>- 6 credits upper level (3000- 4999)</p> <p>- 3 credits from each listed below</p> <p>___ Communication/Composition _____</p> <p>___ Humanities/Fine Arts List (HU/FA)** _____</p> <p>___ Social & Behavioral Science List (EC/PSY/SS)** _____</p> <p>___ 3 credits from any list** _____</p> <p>* EC3400 is required by the degree, and may NOT be counted as a Social Resp./ Ethical Reason or HASS course.</p> <p>III. Co-curricular activities (3 units)</p> <p>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.</p> <p>PE _____ PE _____ PE _____</p> <p>PE _____ PE _____ PE _____</p>
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3 Engineering Design Implementation (select 3 credits):

<p>___ CEE3332 ___ ENG4505 ___ GE3880 ___ MEEM3600</p>
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4 Engineering Core Elective (select 3 credits):

<p>___ CEE3101 ___ CS1121 ___ ENG2505 ___ GE2300 ___ MSE2100*</p>

5 Quality Control Elective (select 3 credits):

<p>___ MET4510 ___ MEEM4650 ___ OSM4650</p>

6 Math/Science Elective (select 1 or 2 credits)*:

<p>_____</p>

7 Technical Electives (17-18 credits)*:

<p>Select 17 to 18 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. 9 credits must be 4000+ level.</p> <p>_____</p> <p>_____</p>
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8 Directed Electives (9 credits):

<p>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.</p> <p>_____</p>

9 Business Electives (9 credits):

<p>Select one of the following (3 credits):</p> <p>___ FIN3000 ___ MGT3000 ___ MKT3000 ___ OSM3000</p> <p>Select 6 credits from the following list, or 3 credits approved by the Academic Advisor for the Bachelor of Science in Engineering.</p> <p>___ EC3100 ___ HU3120 ___ PSY3070 ___ SS3610</p> <p>___ SS3650 or MGT3650</p>

* If MSE2100 selected, then 1 credit Math/Science Elective and 18 credits
 Technical Electives needed.