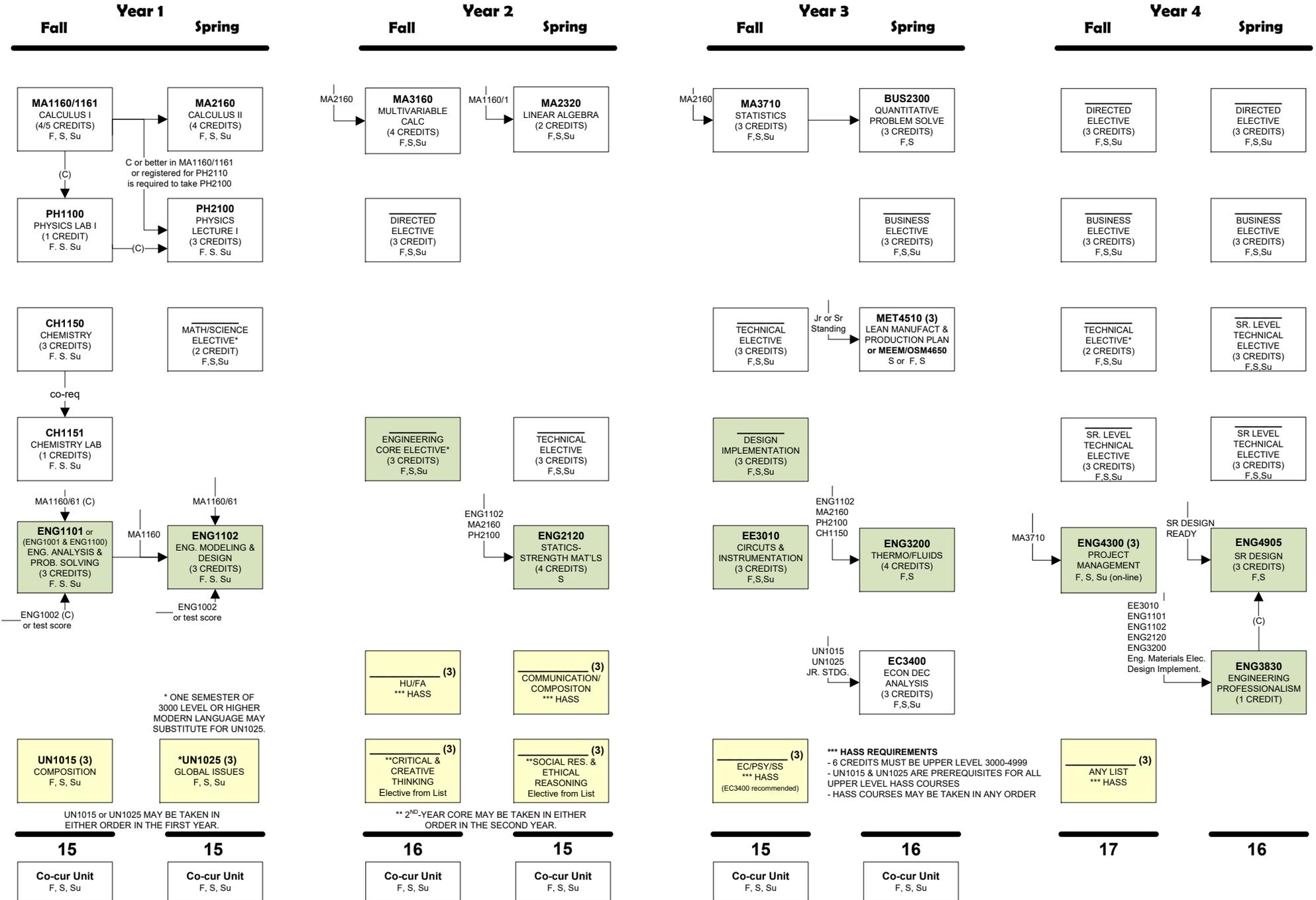
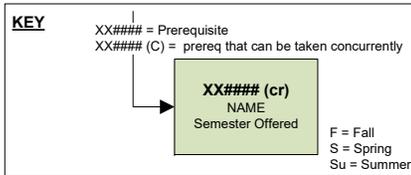


BSE with Business Emphasis 2021/22

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 with Business Emphasis 2021-22
(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)		
<i>(www.admin.mtu.edu/em/documents/HASS Distribution List.pdf)</i>		
- 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 Engineering Design Implementation (select 3 credits):

___ CEE3332	___ ENG4505	___ GE3880	___ MEEM3600
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4 Engineering Core Elective (select 3 credits):

___ CEE3101	___ CS1121	___ ENG2505	___ GE2300	___ MSE2100*
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5 Quality Control Elective (select 3 credits):

___ MET4510	___ MEEM4650	___ OSM4650
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6 Math/Science Elective (select 1 or 2 credits)*:

_____	_____	_____	_____
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7 Technical Electives (17-18 credits)*:

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.				
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

8 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.				
_____	_____	_____	_____	_____

9 Business Electives (9 credits):

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

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