BSE Systems Emphasis 2017-18
(minimum of 131 credits)

Academic questions: E-mail efadvise@mtu.edu

1. Senior Design Ready:
   a. Senior Design Prerequisite courses:
      EE3010, ENG1101, ENG1102, ENG2120, ENG3200, ENG4505, MY2100.
   b. Core Competency Check test - Take and pass the test; test topics
      include all ENG4905 prerequisite courses except ENG4505.

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
         * Either EC2001 or EC3400 is required by the degree, if both are taken only ONE
           may be counted as a Social Resp./ Ethical Reason or HASS course. If one is
           taken it 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. Systems Minor Requirements (20 credits):
   Required courses (14 credits)
   ___ ENG1505 (1)  ___ ENG2505 (3)  ___ ENG3505 (1)
   ___ ENG4300 (3)  ___ ENG4505 (3)  ___ ENG4510 (3)
   ___ ENG4505 (3)  
   Select 6 credits from one of the following groups (6 credits)
   A. ___ CEE3501 or CEE3503 (3) AND
       ___ CEE4506 (3)
   B. ___ OSM3150 or OSM4700 (3) AND
       ___ OSM3600 (3)

4. Systems Concentration (Directed) Electives (12 credits):
   Select 12 credits from one of the following groups.
   Enterprise (12 credits)
   ___ ENT3950 (1)  ___ ENT3960 (1)
   ___ ENT4950 (2)  ___ ENT4960 (2)
   ___ ENT2961 (2)
   ___ ENT2962 (1)
   ___ ENT3984 (3) OR
       ___ ENT3959 (1) AND
       ___ ENT3967 (1) AND
       ___ ENT3982 (1)

   Minor (12 credits): Select 12 credits in a coherent plan of study as partial
   fulfillment of a university minor, with BSE program approval.