To be adopted:

**PRESENT:**

**PROPOSED:**

**Major Requirements**

1. **Lower-division requirements** (75 units)
   a) BIOL 005A, BIOL 05LA
   b) CHEM 001A, CHEM 001B, CHEM 01LA, CHEM 01LB
   c) EE 001A, EE 01LA
   d) MATH 008B or MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046
   e) ME 002, ME 009, ME 010, ME 018A, ME 018B
   f) PHYS 040A, PHYS 040B, PHYS 040C

2. **Upper-division requirements** (77 units)
   a) ME 100A, ME 103, ME 110, ME 113, ME 114, ME 116A, ME 118, ME 120, ME 135, ME 170A, ME 170B, ME 174, ME 175A, ME 175B, ME 175C
   b) STAT 100A

   c) Choose one Focus Area:
      (1) Materials and Structures
      Sixteen (16) units of technical electives
      chosen from ME100B, ME116B, ME121, ME122, ME134/MSE134, ME153, ME156, M180, ME197
      (2) Energy and Environment
      Sixteen (16) units of technical electives
      chosen from ME 100B, ME 116B, ME 117, ME 136, ME 137, ME 138, ME 197
      (3) Design and Manufacturing
      Sixteen (16) units of technical electives
      chosen from ME 121, ME 122, ME 130, ME 131, ME 133, ME 140, ME 144/EE 144, ME 145, ME 153, ME 156, ME 175D, ME 176, ME 180, ME 197
      (4) General Mechanical Engineering

   No change

No change

No change

No change

No change
Sixteen (16) units of technical electives chosen from the following list, in consultation with an advisor: ME 100B, ME 116B, ME 117, ME 121, ME 122, ME 130, ME 131, ME 133, ME 134/MSE 134, ME 136, ME 137, ME 138, ME 140, ME 144/EE 144, ME 145, ME 153, ME 156, ME 175D, ME 176, ME 180, ME 197

Justification: ME157/MSE143 and ME158/MSE148 have been cross-listed and need to be added to the list of technical electives. ME180 was listed as M180 under category 1. It should be ME180.

Approvals:
Approved by Department of Mechanical Engineering: March 10, 2020
Approved by BCoE Executive Committee: April 10, 2020
Approved by the Committee on Educational Policy: April 21, 2020