

**EXECUTIVE COMMITTEE  
BOURNS COLLEGE OF ENGINEERING  
REPORT TO THE RIVERSIDE DIVISION  
MAY 26, 2020**

To be adopted:

**PRESENT:**

**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

**PROPOSED:**

**No Change**

No change

No change

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, ME157/MSE143, ME158/MSE148, ME180, ME197

No change

No change

(4) General Mechanical Engineering

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

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, ME157/MSE143, ME158/MSE148, ME180, 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:  
Approved by BCoE Executive Committee:  
Approved by the Committee on Educational Policy:

March 10, 2020  
April 10, 2020  
April 21, 2020