### Materials Science and Engineering Catalog 2019

#### Fall
- 16 hours
  - **Chem 120 or 128 (4) FA, SP, SU**
  - **Math 141 or 147 (4) FA, SP, SU**
  - **EF 151 or 157 (4) FA, SP**
  - **EF 105 (1) FA, SP**
  - **English 101 or 118 or 198 or 131 (3) FA, SP, SU**

#### Spring
- 17 hours
  - **MSE 110 or 117 (3) SP**
  - **MSE 201 or 207 (3) FA, SP, SU**
  - **MSE 210 (3) FA**
  - **MSE 260 (4) SP**
  - **MSE 220 (3) SP**
  - **MSE 300 (2) FA**
  - **MSE 301 (3) FA**
  - **MSE 302 (3) SP**

#### Fall
- 16 hours
  - **MSE 201 or 207 (3) FA, SP, SU**
  - **MSE 210 (3) FA**
  - **MSE 250 or 357 (3) SP**
  - **MSE 300 (2) FA**

#### Spring
- 17 hours
  - **MSE 110 or 117 (3) SP**
  - **MSE 201 or 207 (3) FA, SP, SU**
  - **MSE 210 (3) FA**
  - **MSE 260 (4) SP**
  - **MSE 220 (3) SP**
  - **MSE 300 (2) FA**

#### Fall
- 16 hours
  - **MSE 201 or 207 (3) FA, SP, SU**

#### Spring
- 16 hours
  - **MSE 300 (2) FA**

#### Fall
- 15 hours
  - **MSE 302 (3) SP**

#### Spring
- 16 hours
  - **MSE 4XX (3) FA, SP, SU**

#### Fall
- 15 hours
  - **MSE 4XX (3) FA, SP, SU**

#### Spring
- 16 hours
  - **MSE 4XX (3) FA, SP, SU**

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**Technical electives:** BCMB 230; BIOL 150 or 158; BIOL 159; BIOL 160 or 168; BME 409; CHEM 250; CHEM 360, CBE 475; ECE 391; EF 333; ENGL 360; GEOL 310; MATH 475; PHYS 232; any MSE course not already required; other 300 or 400 level science or engineering courses as approved by academic advisor and department head.

**MSE 4XX Electives- Materials Science and Engineering electives:** 408, 410, 415, 421, 425, 432, 450, 451, 455, 457, 460, 466, 484, 485, 486, 494, 495, 496R.

### MSE Graduation Requirements
Graduation in materials science and engineering requires a minimum grade point average of 2.0 for all departmental courses taken at UT, Knoxville. No more than seven (7) credit hours of MSE courses in which a C- or lower is the highest grade earned may be counted toward graduation. Students are strongly encouraged to meet with their advisor every semester.

Students also have opportunities for an Honors Concentration and/or a five year BS/MS program. See the Undergraduate Catalog for details and requirements.