<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
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</table>
| **Fall** | MSE 110 or 117 (3) SP  
Prereq-Chem 122 and 123 or 128  
MSE 120 or 127 (3) SP  
MSE 229 (3) (OC) SP  
MSE 260 (4) SP  
MSE 300 (2) FA  
MSE 301 (3) FA  
MSE 302 (3) SP  
MSE 304 (WC) (3) SP  
**MSE 4XX (3) FA, SP, SU** see below  
**MSE 4XX (3) FA, SP, SU** see below |
| **Spring** | MSE 110 or 117 (3) SP  
Prereq-Chem 122 and 123 or 128  
MSE 120 or 127 (3) SP  
MSE 229 (3) (OC) SP  
MSE 260 (4) SP  
MSE 300 (2) FA  
MSE 301 (3) FA  
MSE 302 (3) SP  
MSE 304 (WC) (3) SP  
**MSE 4XX (3) FA, SP, SU** see below  
**MSE 4XX (3) FA, SP, SU** see below |

**Materials Science and Engineering Courses**

**Fall**
- MSE 110 or 117 (3) SP  
- MSE 120 or 127 (3) SP  
- MSE 229 (3) (OC) SP  
- MSE 260 (4) SP  
- MSE 300 (2) FA  
- MSE 301 (3) FA  
- MSE 302 (3) SP  
- **MSE 4XX (3) FA, SP, SU** see below

**Spring**
- MSE 110 or 117 (3) SP  
- MSE 120 or 127 (3) SP  
- MSE 229 (3) (OC) SP  
- MSE 260 (4) SP  
- MSE 300 (2) FA  
- MSE 301 (3) FA  
- MSE 302 (3) SP  
- **MSE 4XX (3) FA, SP, SU** see below

**Technical Electives**

- BCMB 230  
- BIOL 150 or 158, BIOL 159, BIOL 160 or 168  
- BME 409  
- CHEM 260  
- CHEM 360  
- CBE 475  
- ECE 301  
- EF 333  
- ENGL 360  
- GEOL 310  
- MATH 475  
- MSE 457, MSE 483  
- MSE 484, MSE 485  
- MSE 486  
- any MSE course not already required  
- PHYS 323  
- other 300 or 400 level science or engineering courses as approved by academic advisor and department head.

**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.