## NANOMATERIALS CONCENTRATION

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

### Spring
- **16 hours**
  - English 102 (3) FA, SP, SU
  - Chem 130 or 138 (4) FA, SP, SU
  - Math 142 or 148 (4) FA, SP, SU
  - EF 152 or 158 (4) FA, SP

### Fall
- **16 hours**
  - MSE 201 or 207 (3) FA, SP, SU
  - MSE 210 (1) FA
  - Math 241 or 247 (4) FA, SP, SU
  - Physics 231 (3) FA, SP, SU

### Spring
- **16 hours**
  - MSE 290 (1) SP
  - Math 200 (2) FA, SP
  - Physics 232 (4) FA, SP, SU

### Fall
- **16 hours**
  - MSE 300 (1) FA
  - MSE 301 (3) FA
  - MSE 320 (3) FA
  - MSE 340 or 347 (3) FA

### Spring
- **16 hours**
  - MSE 304 (WC) (2) SP
  - MSE 405 (WC) (3) FA
  - MSE 409 (OC) (3) SP

### Fall
- **15 hours**
  - MSE 410 (3) FA
  - MSE 455 (WC) (3) FA
  - MSE 489 (OC) (3) SP

### Spring
- **16 hours**
  - MSE 405 (2) FA, SP
  - MSE 408 (2) FA, SP
  - MSE 409 (3) SP

---

### Progression
- Progression of students to departmental upper-division courses is competitive. Factors considered include overall grade point average, performance in selected lower division courses and evidence of satisfactory and orderly progress through the prescribed curriculum.

### Upper Division Status
- A lower division student formally applies for upper division status after completing 50 hours of lower division engineering curriculum course work with an overall GPA of at least 2.4. This must include MSE 201.

### Provisional Status
- Students who have completed 50 hours of lower-division engineering curriculum course work with an overall GPA between 2.0 and 2.4 may apply for provisional status. The granting of provisional upper-division status is based on the availability of space in the departmental programs after upper-division status students have been accommodated. Provisional students are required to demonstrate their ability to perform satisfactorily in upper-division courses by attaining a minimum GPA of 2.0 in at least 8 hours of 300-level required courses specified by the department. Further progression to upper-division courses is dependent upon this minimum level of performance.

### MSE Graduation Requirements
- Graduation in materials science and engineering requires a minimum grade point average of 2.0 for all departmental courses. Students also have opportunities for an Honors Concentration and/or a five year BS/MS program. See the Undergraduate Catalog for details and requirements.

### UTTRACK Milestones:

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
<th>Term 4</th>
<th>Term 5</th>
<th>Term 6 through 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 130 or higher or one SS</td>
<td>Math 130 or higher</td>
<td>EF 151/157 or Physics 135/137</td>
<td>EF 152/158 or Physics 136/138</td>
<td>ME 202 or CS 102 or MSE 201 or CSE 201</td>
<td>No Milestones</td>
</tr>
</tbody>
</table>