

# Materials Science and Engineering Undergraduate Course Schedule

## Summer Term (2257)

| Required Courses    |                |  |              |             |                |              |
|---------------------|----------------|--|--------------|-------------|----------------|--------------|
| <u>Subj./Catlg#</u> | <u>Class #</u> | <u>Course</u>                            | <u>Units</u> | <u>Days</u> | <u>Time</u>    | <u>Room</u>  |
| ENGR 0021           | 17881          | Probability and Statistics for Engineers | 3            | MW          | 2:30-4:25pm    | 1044 Benedum |
|                     | 17882          | <i>recitation</i>                        |              | F           | 11:00-11:50am  | 1044 Benedum |
| ENGR 0135           | 11424          | Statics & Mechanics of Materials 1       | 3            | M           | 4:00-6:30 pm   | G29 Benedum  |
| ENGR 0145           | 11425          | Statics & Mechanics of Materials 2       | 3            | M           | 4:00-6:30 pm   | 318 Benedum  |
| MEMS 0040           | 12615          | Materials & Manufacturing                | 3            | MW          | 2:00-3:45 pm   | 318 Benedum  |
|                     | 12616          | <i>recitation</i>                        | 0            | M           | 12:00-12:55 pm | G37 Benedum  |
| MEMS 0051           | 12617          | Introduction to Thermodynamics           | 3            | Th          | 4:00-6:30 pm   | G31 Benedum  |
| MEMS 1043           | 13215          | Senior Design Project                    | 3            | Th          | 1:00-3:30 pm   | 318 Benedum  |
| MEMS 1052           | 13080          | Heat and Mass Transfer                   | 3            | Tu          | 10:00-12:30 pm | 320 Benedum  |
| MEMS 1079           | 13216          | Senior Materials Research Project        | 3            | TBA         | TBA            | TBA          |

| Technical Electives |         |   |        |   |               |              |
|---------------------|---------|---|--------|---|---------------|--------------|
| ENGR 1030†          | 15349   | Eng.for Humanity Service Learning Project | 1 to 3 | appt.   | TBA           |              |
| ENGR 1050†          | IE dept | Product Realization                       | 3      | Tu  | 6:00-9:15 pm  | 1044 Benedum |
| ENGR 1090P†         | 15672   | Engr. Cooperative Program                 | 1      | <i>please see Co-op Office for permission #</i> |               |              |
| CHEM 0310           | 10132   | Organic Chemistry 1 (six week 1)          | 3      | MTThF   | 9:00-10:45am  | 150 Chevron  |
|                     | 10322   | <i>recitation</i>                         | 0      | W   | 11:00-11:50am | 150 Chevron  |
|                     | 14037   | Organic Chemistry 1 (six week2)           | 3      | MTThF   | 1:00-2:45pm   | WEB          |
|                     | 14038   | <i>recitation</i>                         | 0      | W   | 1:00-1:50pm   | WEB          |
| CHEM 0320           | 10133   | Organic Chemistry 2 (six week 1)          | 3      | MTThF   | 1:00-2:45pm   | 152 Chevron  |
|                     | 10321   | <i>recitation</i>                         | 0      | W   | 1:00-1:50pm   | 152 Chevron  |
|                     | 10206   | Organic Chemistry 2 (six week2)           | 3      | MTThF   | 9:00-10:45am  | 150 Chevron  |
|                     | 16374   | <i>recitation</i>                         | 0      | W   | 11:00-11:50am | 150 Chevron  |
| MEMS 1097           | 13081   | Special Projects                          | 1 to 3 | appt.   | TBA           |              |
| MEMS 1098           | 13082   | Special Projects 2                        | 1 to 3 | appt.   | TBA           |              |

† Department Consent Required

| Communication Skills Electives |                |   |              |             |              |             |
|--------------------------------|----------------|---|--------------|-------------|--------------|-------------|
| <u>Subj./Catlg#</u>            | <u>Class #</u> | <u>Course</u>                                 | <u>Units</u> | <u>Days</u> | <u>Time</u>  | <u>Room</u> |
| COMMRC 0500                    | 17907          | Argument (6 wk 2)                             | 3            | MW          | 12:00-3:15pm | web         |
| COMMRC 0520                    | 10342          | Public Speaking (6 wk 2)                      | 3            | MW          | 6:00-9:15p   | G18 CL      |
|                                | 16658          | Public Speaking (6 wk 1)                      | 3            | TuTh        | 12:00-3:15pm | 2309 CL     |
| ENGCMP 0400                    | 15339          | Written Prof. Communication (6 wk 1)          | 3            | TuTh        | 12:00-3:15pm | web         |
|                                | 10045          | Written Prof. Communication (6 wk 2)          | 3            | MW          | 12:00-3:15pm | TBA         |
| ENGCMP 0401                    | 16659          | Written Prof Comm Topics in Diversity (6 wk1) | 3            | TBA         | TBA          | web         |
|                                | 17128          | Written Prof Comm Topics in Diversity (6 wk2) | 3            | TuTh        | 8:30-11:45am | TBA         |