

MSE Undergraduate Program (Old)

Program Requirements:

| | |
|--|------------|
| General Education Requirements | 66 |
| Required Substitutions: | |
| Area One | 18 |
| <i>MTH 229, 230</i> | |
| Area Two | 8 |
| Area Three | 8 |
| Area Four | 12 |
| Area Five | 16 |
| <i>PHY 240/200, 242/202, 244/204</i> | |
| Area Six | 4 |
| <i>College Component: EGR 190**</i> | |
| * Courses taken to satisfy GE requirements may not be counted toward the major | |
| ** For incoming freshmen only. Other students should consult a department advisor | |
| | |
| Engineering Requirements | 97 |
| EGR 101, ME 199 | 8 |
| ME 102, 202 , 212 , 213 , | 15 |
| ME 313 , 314, 315 , 370 , 371 , 375 , 376 , | 26 |
| ME 470 , 472 , 477 , 479 , 480 , 483 , 492 , 493 | 31 |
| ME 485 , 486 , 487 , 488 , 489 (select any two) | 8 |
| EE 301 , 302 | 5 |
| ME 496, ME 497 | 4 |
| | |
| Related Course Requirements | 20 |
| CHM 121 , CHM 125 | 5 |
| MTH 231 , 232 , 235 | 15 |
| | |
| Technical Electives | 14 |
| At least three courses to be selected from an approved list. | |
| Total | 197 |
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MSE Undergraduate Program (New)

Program Requirements:

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|--|------------|---|
| General Education Requirements | 67 | Joseph C. Slater 4/16/09 9:56 AM Deleted: 66 |
| Required Substitutions: | | |
| Area One | 18 | |
| <i>MTH 229, 230</i> | | |
| Area Two | 8 | |
| Area Three | 8 | |
| Area Four | 12 | |
| Area Five | 16 | |
| <i>PHY 240/200, 242/202, 244/204</i> | | |
| Area Six | 5 | Joseph C. Slater 4/7/09 9:24 AM Deleted: 4 |
| <i>College Component: EGR 101**</i> | | Joseph C. Slater 4/6/09 3:49 PM Deleted: 190 |
| * Courses taken to satisfy GE requirements may not be counted toward the major | | |
| ** For incoming freshmen only. Other students should consult a department advisor | | |
| Engineering Requirements | 93 | Joseph C. Slater 4/16/09 9:56 AM Deleted: 97 |
| ME 199 | 3 | Joseph C. Slater 4/6/09 3:49 PM Deleted: EGR 101, |
| ME 102, 202 , 212 , 213 . | 16 | Joseph C. Slater 4/7/09 9:24 AM Deleted: 8 |
| ME 313 , 314, 315 , 370 , 371 , 375 , 376 . | 26 | Joseph C. Slater 4/6/09 3:49 PM Deleted: 15 |
| ME 470 , 472 , 477 , 479 , 480 , 483 , 492 , 493 | 31 | |
| ME 485 , 486 , 487 , 488 , 489 (select any two) | 8 | |
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| Related Course Requirements | 20 | |
| CHM 121 , CHM 125 | 5 | |
| MTH 231 , 232 , 235 | 15 | |
| Technical Electives | 14 | |
| At least three courses to be selected from an approved list. | | |
| Total | 194 | Joseph C. Slater 4/6/09 3:49 PM Deleted: 197 |

Materials Engineering Transition Plan:

As the changes are in the freshman year, very few transition students will exist. Students who switch from the old program to the new program will only have one potential transition issue. If they have taken the 3 credit version of ME 102 (but not EGR 190), it will be accepted in place of the 4 credit version, but for the fact that they will have to satisfy the total credit hours for graduation through an additional credit hour in their program of study. Students who have taken EGR 190 will already have extra hours unallocated available under the new program, one of which will be used to make up the difference.