

MatSE Teaching Schedule – FA 2017

Revised 7/17/2017

| COURSE | CRN | COURSE TITLE | RM CAP | TIME | DAY | INST | Location |
|---------------|--|---|---------------------------------------|--|-----------------------------------|---------------|---|
| MSE 101 | 30427 39568 39569 | Materials in Today's World Discussion Session AD1 Discussion Session AD2 | 60 30 30 | 3:00-3:50 4:00-4:50 4:00-4:50 | TuTh Tu Th | Goodman | 135 MEB 4101 MSEB 4101 MSEB |
| MSE 182 | 30429 | Introduction to MatSE | 110 | 12:30-1:50 | TuTh | Huang | 103 TLBT |
| MSE 199 | | Undergrad Open Seminar | | Ind Study | ARR | | |
| MSE 201 | 30431 | Phases and Phase Relations | 70 | 9:30-10:50 | TuTh | Leal | 218 CER |
| MSE 206 | 69233 | Mechanics for MatSE | 20 | 10-11:50 11-11:50 | MW F | Shang | 214 CER 214 CER |
| MSE 280 | 30432 | Engineering Materials | 145 | 12:30-1:50 | TuTh | Goodman | 100 MSEB |
| MSE 307 | 32409 58741 32973 32332 32401 51976 | Materials Laboratory I Lab AB5 Lab AB1 Lab AB2 Lab AB3 Lab AB4 | 110 22 22 22 22 22 | 1:00-1:50 2:00-4:50 2:00-4:50 2:00-4:50 2:00-4:50 2:00-4:50 | MW M Tu W Th F | Shang/TerBush | 124 Burrill 105 KH 105 KH 105 KH 105 KH 105 KH |
| MSE 396 | 63620 63621 64410 | Introduction to Research Section 1 Section 2 Section 3 | 15 25 25 | 5:00-6:30 5:00-6:30 5:00-6:30 | W W W | Cahill | 4101 MSEB 4101 MSEB 4101 MSEB |
| MSE 397 | | Independent Study in MSE | | Ind Study | ARR | | |
| MSE 401 | 38343 | Thermodynamics of Mat'ls | 135 | 9:00-9:50 | MWF | Dillon | 1024 Chem Annex |
| MSE 403 | 30434 | Synthesis of Materials | 48 | 9:30-10:50 | TuTh | Shoemaker | 4101 MSEB |
| MSE 404 | | Laboratory Studies in MatSE | | | | | |
| 404CP | 66885 | Ceramic Processing (1 st 8 wks) | 12 | 2:00-4:50 | MW | Nagel | 127 KH |
| 404TE | 66901 66902 | Thin Film Electrical Properties (2 nd 8 wks) TE1 TE2 | 10 10 | 2:00-4:50 2:00-4:50 | MW TuTh | Zuo | 113 CER |
| 404LD | 66893 66894 | Low Dimensional Electronics (1 st 8 wks) LD1 LD2 | 10 10 | 2:00-4:50 2:00-4:50 | MW TuTh | Shim | 204 KH |
| 404MAC | 66897 | Computational MSE-Macroscale (2 nd 8 wks) | 28 | 2:00-4:50 | TuTh | Ferguson | L440 Digital Comp Lab |
| 404MIC | 66895 | Computational MSE-Microscale (1 st 8 wks) | 28 | 2:00-4:50 | TuTh | Ferguson | L440 Digital Comp Lab |
| 404TM | 66891 66892 | Thin Film Mechanical Properties (1 st 8 wks) TM1 TM2 | 10 10 | 2:00-4:50 2:00-4:50 | MW TuTh | Zuo | 113 CER |
| 404NP | 66903 66904 | Novel Photovoltaics (2 nd 8 wks) NP1 NP2 | 10 10 | 2:00-4:50 2:00-4:50 | MW TuTh | Shim | 204 KH |
| 404PC | 66886 66889 66890 | Polymer Characterization (1 st 8 wks) PC1 PC2 PC3 | 12 12 12 | 2:00-4:50 2:00-4:50 8:00-10:50 | MW TuTh TuTh | Gabrielson | 123 KH |
| 404PS | 66898 66899 | Polymer Synthesis (2 nd 8 wks) PS1 PS2 | 12 12 | 2:00-4:50 2:00-4:50 | MW TuTh | Gabrielson | 123 KH |

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| | 66900 | PS3 | 12 | 8:00-10:50 | TuTh | | |
| MSE 406 | 42990 63203 63204 63205 | Thermal-Mech Behavior Mat'ls Discussion AD1 Discussion AD2 Discussion AD3 | 120 40 40 40 | 11:00-12:20 11:00-11:50 12:00-12:50 1:00-1:50 | TuTh F F F | Maass | 103 TLBT 305 MSEB 305 MSEB 305 MSEB |
| MSE 421 | 30436 (G) 46510 (U) | Ceramic Processing | 40 (10G; 30U) | 10:00-10:50 | MWF | Kriven | 4101 MSEB |
| MSE 440 | 30439 | Mechanical Behavior of Metals | 65 | 11:00-11:50 | MWF | Krogstad | 106B8 EH |
| MSE 443 | 45664 | Design of Engineering Alloys | 45 | 9:00-9:50 | MWF | Bellon | 4101 MSEB |
| MSE 456 | 49972 | Mechanics of Composites | 40 | 11:00-12:20 | TuTh | Sottos | 243 MEB |
| MSE 457 | 38339 (G) 61140 (U) | Polymer Chemistry | 35 (23G; 12U) | 11-11:50 | MWF | Evans | 328 Armory |
| MSE 470 | 30451 | Design and Use of Biomaterials | 95 | 12:00-12:50 | MWF | Cheng | 119 MSEB |
| MSE 480 | 30457 (G) 46512 (U) | Surfaces and Colloids | 55 (35G;20U) | 12:30-1:50 | TuTh | Chen | 101 TRANS |
| MSE 485 | 64704 (G) 64701 (U) | Atomic Scale Simulations | 45 (30G; 15U) | 11:00-12:20 | TuTh | Schleife | 218 CER |
| MSE 492 (CHEM 494) | 38334 38335 | Fundamentals of Lab Safety (Note: First class meets 9/11/2017) | 200 | 7:00-8:50 | MW | Shang | 100 NOYES |
| MSE 497 | | Independent Study in MSE | | Ind Study | ARR | | |
| MSE 498 | | Special Topics in MSE | | Ind Study | ARR | | |
| MSE 499 | | Senior Thesis | | Ind Study | ARR | | |
| MSE 500 | 30462 | Statistical Thermodynamics of Mat'ls Discussion | 60 | 9:00-9:50 10:00-10:50 | MWF MWF | Schweizer | 218 CER 218 CER |
| MSE 529 | 30465 | Hard Materials Seminar | 99 | 4:00-4:50 | Th | Dillon | 119 MSEB |
| MSE 559 | 30482 | Soft Materials Seminar | 99 | 4:00-5:20 | Tu | Chen | 119 MSEB |
| MSE 590 | | Research Seminars | | Ind Study | ARR | | |
| MSE 595 | 30489 | Colloq on Mat'ls Research | 200 | 4:00-5:20 | M | Huang | 100 MSEB |
| MSE 597 | | Independent Study in MSE | | Ind Study | ARR | | |
| MSE 599 | | Thesis Research | | Ind Study | ARR | | |