

Name: _____

New to OSU: _____ email: _____@osu.edu

Consider this sheet as a guideline only. Quarters these classes are offered are subject to change.

YEAR	AUTUMN	WINTER	SPRING*
1	Math 151 (Calc & Analyc Geom)..... 5 _____ Chem 121 (Gen Chem)..... 5 _____ Engr 181 (Intro to Engr I)..... 3 _____ Engr 100.11 (Engr Survey) 1 _____ 14	Math 152 (Calc & Analyc Geom) 5 _____ En Graph 167 (Prob Slv Prog Engr)..... 4 _____ Physics 131 (Partcls & Motion)..... 5 _____ Engr 183 (Intro to Engr II)..... 3 _____ 17	Math 153 (Calc & Analyc Geom) 5 _____ Physics 132 (Electrcy & Magntsm) 5 _____ English 110.xx (1 st Yr English Comp)5 _____ MSE 205 (Intro to MSE)..... 3 _____ Apply for acceptance to MSE Dept. this qtr. 18
2	Math 254 (Calc & Analyc Geom) 5 _____ ISE 410 (Ind Quality Control)..... 4 _____ Physics 133 (Elctrdynmc & Quant) . 5 _____ MSE 341 (Atomic Scle Struct Mtrls) . 3 _____ MSE 281 (Mtrls Processing Lab)..... 1 _____ 18	ME 410 (Statics)..... 4 _____ Chem 125 (Chem for Engr) 4 _____ GEC..... 5 _____ MSE 342 (Microstruc & Character Mtls)... 3 _____ MSE 282 (Mtrls Character Lab)..... 1 _____ 17	Math 415 (Ord Part Dff Equat)..... 4 _____ ME 420 (Intro Strength Materials) 4 _____ MSE 361 (ME Behvr of Mtrls) 3 _____ MSE 371 (Electronic Mtrls)..... 3 _____ Engineering 198A (Intro to Engr) 1 _____ 15
3	MSE 401 (Mtrls Thermodynamics)... 4 _____ MSE 526 (Transport & Kinetics)..... 3 _____ MSE 581.01 (Mtrls Sci Lab I)..... 2 _____ MSE 595.02 (Jr Seminar II)..... 1 _____ GEC 5 _____ 15	MSE 525 (Phase Diagrams)..... 3 _____ MSE 564 (ME Behv Mtrl Microstur) .. 3 _____ MSE 581.02 (Mtrls Sci Lab II) 2 _____ GEC..... 5 _____ Specialization Form due by the end of this quarter. 13	MSE 533 (Mtrls Proc Methods)..... 3 _____ MSE 543 (Struc Transformations) ... 3 _____ MSE 581.03 (Mtrls Sci Lab III) 2 _____ MSE 595.03 (Jr. Seminar III) 1 _____ Tech Elect 3 _____ GEC 5 _____ 17
4	MSE 6XY 3 _____ MSE 6XY 3 _____ MSE 695.01 (Sr Dsgn Project I) 1 _____ Tech Elect 3 _____ GEC 5 _____ Graduation Application due 3 quarters before expected graduation date. 15	MSE 6XY 3 _____ MSE 6XY 3 _____ MSE 6XY Lab 1 _____ MSE 600 (Mtrls Selc Perform I)..... 3 _____ MSE 695.02 (Sr Dsgn Project II).... 1 _____ Tech Elect..... 3 _____ 14	MSE 6XY 3 _____ MSE 6XY 3 _____ MSE 601 (Mtrls Selc Perform II).... 3 _____ MSE 695.03 (Sr Dsgn Project III)... 1 _____ GEC 5 _____ Tech Elect 3 _____ 17

Courses printed in BOLD are Core MSE courses, and are taught one quarter per year. Please check on-line course offerings for availability of other courses. Note: 6XY courses in MSE will be determined by student choice of MSE Specialization.

GENERAL EDUCATION

English & Communication Skills (10)

English 110.xx (5) _____
2nd Writing Course (5) _____

Students must take 25 hours across **Social Sciences, Historical Study, and Arts & Humanities** with a minimum of 5 hours and maximum of 10 hours per category.

Historical Study (5-10)

(5) _____
() _____

Arts & Humanities (5-10)

(5) _____
() _____

Social Sciences (5-10)

(5) _____
() _____

ETHICS (5 Hours)

(May overlap with a GEC category)
(5) _____

SOCIAL DIVERSITY

(May overlap with a GEC category)
() _____

SPECIALIZATION COURSES

MSE 6XY 1 (3) _____
MSE 6XY 2 (3) _____
MSE 6XY 3 (3) _____
MSE 6XY 4 (3) _____
MSE 6XY 5 (3) _____
MSE 6XY 6 (3) _____
MSE 6XY Lab (1) _____
Tech Elect (3) _____
Tech Elect (3) _____
Tech Elect (3) _____
Tech Elect (3) _____

Must have 6 600-level non-core MSE courses, 1 600-level Lab, and 4 Technical Electives

Acceptance into the Materials Science and Engineering major requires a cumulative point-hour ratio (CPHR) and a secondary point-hour ratio (SPHR) of a minimum 2.0 upon completion of the following pre-major courses: *Chemistry 121; Physics 131; Math 151; MSE 205* (or their equivalents).

Students with a CPHR of 3.0 are assured of acceptance. Formal application is required. See MSE Undergraduate Advisor in WA 477 for details.

Scholarships: Returning and Transfer students should use the **College of Engineering Scholarship Application due MARCH 1 in the College Office.**

Any MSE/pre-MSE student with an OSU CPHR of 3.0 is eligible.