

MATERIALS SCIENCE AND ENGINEERING (MSE) 40 CU

Course Planning Guide

Entered Fall 2005 and after

Math (5 CU)

MATH 104
MATH 114
MATH 240
MATH 241 (MSE 515 may replace)
Mathematics

Natural Science (7 CU)

PHYS 140
PHYS 141
CHEM 101 (link re: CHEM 091 credit)
CHEM 053
CHEM 102
CHEM 054
MSE 221 OR PHYS 240
Natural Science (link to allowed courses)

Engineering (13 CU)

MSE 215
MSE 220
MSE 250
MSE 260
MSE 360
MSE 393
MSE 430*
MSE 440
MSE 495
MSE 496
Engineering
Engineering
Engineering

* MSE 330 may be substituted for MSE 430 by students entering in Fall 2005 and before. It is highly recommended that both courses be taken.

Tech Elective (5 CU)

(Includes any Engineering, Math or Natural Science)
Tech Elective
Tech Elective
Tech Elective
Tech Elective
Tech Elective

Highly recommended: MSE 330, 405, and 455.

Approval by petition required to use EAS 445 and 446 as a Technical Elective.

ESE 115 can be used as an Engineering or Technical Elective.

Social Sci & Humanities (7 CU)

SS
SS
H
H
SS or H
SS, H, or TBS
SS, H, or TBS

THE FOLLOWING REQTS MUST BE SATISFIED FROM THE SSH COURSES ABOVE (Approval required)

SSH Depth Requirement

Two courses in one SSH subject area
SSH Depth Req
SSH Depth Req

Writing Requirement

One Writing Seminar

Free Elective (3 CU)

(Approval required)

Free Elective
Free Elective
Free Elective