

Undergraduate Education

MATERIALS SCIENCE AND ENGINEERING (MSE) 40 CU

Entered Fall 2016 and after

General Note: Prerequisites for a given course may be waived with permission of the instructor of that course.

Math (5 CU)

MATH 104

MATH 114

MATH 240

MATH 241/or ENM 251

Mathematics

(ESE 301 recommended)

Natural Science (6 CU)

PHYS 140/or MEAM 110

PHYS 141

CHEM 101

CHEM 053

CHEM 102

CHEM 054

MSE 221

Engineering (14 CU)

MSE 215

MSE 220

MSE 250

MSE 260

MSE 330

MSE 360

MSE 393

MSE 405

MSE 440

MSE 460

MSE 495

MSE 496

Engineering

Engineering

Tech Elective (5 CU)

(Includes any Engineering, Math or Nat Science)

ENGR 105

Tech Elective

Tech Elective

Tech Elective

Tech Elective

Highly recommended: MSE 430, 465, 515, 555

CHEM 241 recommended

Approval by petition required to use EAS 545 and 546 as a technical elective

Note: Statistics below 430 (Note: STAT 111 is permitted for students entering Fall 2012 or earlier, and only as a free elective

Social Sci & Humanities (7 CU)

EAS 203

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)

Writing Seminar

Ethics Requirement

EAS 203

Free Elective (3 CU)

(Approval required)

Free Elective

Free Elective

Free Elective

Graduation Audit

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Departmental Approval

Aca Pgms Ofc Approval