

## Undergraduate Education

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### 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