# Minor in Electronic Materials

**MSEM**

**Name (please print):** ____________________________________________________________________________

(Last)                                                     (First)                                                (Middle)

Student Number: ________________________________

Primary Major:_____________________________   Expected Major Completion Term: ______________

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## Required Courses

- ____ EE3291 Photonic Mat’ls & Devices (3) **OR**
- ____ MY3292 Light and Photonic Materials (3)
- ____ MY2100 Intro to Mat Science & Engrg. (3)
- ____ MY3701 Intro to Semiconductor Materials Science and Engineering (2)

**Credits Required = 16**

**Total Credits ______**

## Elective Courses - Select at least 8 hours from the following:

- ____ EE3140 Electromagnetism (3)
- ____ MY3200 Materials Characterization I (4)
- ____ MY3210 Materials Characterization II (4)
- ____ MY4140 Science of Ceramic Materials (3)
- ____ MY4200 Scanning Electron Microscopy (2)
- ____ MY/EE4240 Introduction to MEMS (4)
- ____ MY4990 Undergraduate Research (1-3)
- ____ MY/EE5430 Electronic Materials (3)
- ____ MY/EE5460 Solid State Devices (3)
- ____ MY/EE5470 Semiconductor Fabrication (3)
- ____ PH3480 Modern Physics Laboratory (2)

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: EE3140 (PH2200 and MA3160), MY3200 (MY2110), MY3292 (PH2200 or EE2190 or EE3140), MY4140 (MY2100), MY2100 (CH1150), EE3291 (EE2190 or EE3140 or PH2400), MY3701 (PH2400), PH3480 (PH2230)