Minor in Electronic Materials
MSEM

Name (please print): ____________________________________________________________________________
(Last) (First) (Middle)
Student Number: ___________________________
Primary Major: ____________________________ Expected Major Completion Term: _______________

Required Courses
____ EE3291 Photonic Mat’ls & Devices (3) OR ____ EE3140 Electromagnetism (3)
____ MY3292 Light and Photonic Materials (3) ____ MY3200 Materials Characterization I (4)
____ MY2100 Intro to Mat Science & Engrg. (3) ____ MY3210 Materials Characterization II (4)
____ MY3701 Semiconductor Materials (2) ____ MY4140 Science of Ceramic Materials (3)
____ MY4200 Scanning Electron Microscopy (2) ____ MY4201 Practical Scanning Electron
Microscopy (1)
____ MY/EE4240 Introduction to MEMS (4) ____ MY/EE4990 Undergraduate Research (1-3)
____ MY/EE5430 Electronic Materials (3) ____ MY/EE5460 Solid State Devices (3)
____ MY/EE5470 Semiconductor Fabrication (3) ____ MY/EE5490 Solar Photovoltaics Technology (3)
____ PH3480 Modern Physics Laboratory (2)

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

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)

Credits Required = 16
Total Credits ______

Student __________ Date __________
Department Advisor __________ Date __________

Academic Year 2013-14