

## Materials Minor Program Planning and Approval Form

Student Name: \_\_\_\_\_  
 Email Address: \_\_\_\_\_  
 Academic Advisor: \_\_\_\_\_

WPI ID#: \_\_\_\_\_  
 Major: \_\_\_\_\_  
 Class Year: \_\_\_\_\_

*The purpose of this form is to assist students in planning a materials minor, and also to serve as certification to the Registrar that the requirements have been met. Students are responsible for submitting this form to the registrar with the necessary signature(s).*

**Program Requirements (2 units total)**

1. ES2001 Introduction to Materials Science (1/3 unit)
2. 1 1/3 units of electives, selected from: (check those completed)

**Course**                      **Term Completed**

1. ES2001                      \_\_\_\_\_
2. \_\_\_\_\_

**UNDERGRADUATE COURSES**

- BME 2811 Introduction to Biomaterials Science & Tissue Engineering
- CE3026 Materials of Construction
- CE4054 Transportation: Infrastructure Materials Laboratory
- CH3410 Principles of Inorganic Chem.
- CH2310 Organic Chemistry I
- CH2320 Organic Chemistry II
- CH2330 Organic Chemistry III
- CH4330 Organic Synthesis
- ECE4904 Semiconductor Devices
- ME2820 Materials Processing
- ME4718 Advanced Materials with Aerospace Applications
- ME4810 Automotive Materials & Process Design
- ME4813 Ceramics and Glasses for Engineering Applications
- ME/BME4814 Biomaterials

- ME4821 Plastics
- ME4832 Corrosion & Corrosion Control
- ME4840 Physical Metallurgy
- ME4860 Food Engineering
- ME4875/MTE575 Introduction to Nanomaterials & Nanotechnology
- PH2510 Atomic Force Microscopy
- PH3502 Solid State Physics

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_

**GRADUATE COURSES**

- Any MTE graduate course \_\_\_\_\_
- CHE508 Catalysis & Surface Science of Materials
- CHE510 Dynamics of Particulate Systems

To request that a different course or activity be counted toward these 1 1/3 units of electives, complete the following:  
 Course Number: \_\_\_\_\_ Course Instructor's Signature (certifies sufficient materials content): \_\_\_\_\_  
 Signature of Materials Minor Program Review Committee Member\*: \_\_\_\_\_

**3. Materials Minor Capstone Experience (1/3 unit):**

ME4810     ME4813     ME4814     ME4821                      or

Other 4000-level Materials Course or IS/P Activity, with Instructor's Approval

Brief description of Other Course or IS/P Activity Requested for Approval: \_\_\_\_\_

IS/P or Course Instructor's Signature\*\*: \_\_\_\_\_

\*\*Certifies objectives of capstone: To integrate and synthesize material processing, structure, and property relationships as they affect performance.

Signature of Materials Minor Program Review Committee Member\*: \_\_\_\_\_

**To Check the Double Counting Rule:**

List the courses or activities above that are being double-counted toward student's major program requirements (cannot exceed 1 unit): \_\_\_\_\_

List the courses that are being taken as free electives beyond the major program requirements: \_\_\_\_\_

**Final Certification of Completion of Minor Requirements:**

\_\_\_\_\_  
 Materials Minor Program Review Committee Member\*

Date: \_\_\_\_\_

For May graduation dates, check here if certification of completion is contingent upon passing grade(s) for D-term activities in the minor program listed above: \_\_\_\_\_

*\*Professors Chrys Demetry, Richard Sisson, and Tahar El-Korchi serve as minor program review committee members.*