

# COLLEGE OF CHEMISTRY COURSE GUIDE (../INDEX.HTML)

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## **MSE 130 - EXPERIMENTAL MATERIALS SCIENCE AND DESIGN (3 UNITS)**

(Taken from the UC Berkeley Course Guide (<http://guide.berkeley.edu>))

### **COURSE OVERVIEW**

#### **SUMMARY**

This course provides a culminating experience for students approaching completion of the materials science and engineering curriculum. Laboratory experiments are undertaken in a variety of areas from the investigations on semiconductor materials to corrosion science and elucidate the relationships among structure, processing, properties, and performance. The principles of materials selection in engineering design are reviewed.

#### **PREREQUISITES**

Senior standing or consent of instructor

Fall only

#### **WORKLOAD**

#### **TIME COMMITMENT**

2 hours of lecture and 3 hours of laboratory per week.

