

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

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## **CBE 180 - CHEMICAL ENGINEERING ECONOMICS (3 UNITS)**

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

### **COURSE OVERVIEW**

#### **SUMMARY**

Optimal design of chemical processes and unit operations, emphasizing the interactions between technical and economic considerations. Analysis of process risks. Chemical and biomolecular process design in the presence of uncertainties. Interest rate determinants and their effects on chemical process feasibility and choices. Relationships between structure and behavior of firms in the chemical processing industries. Multivariable input-output analyses.

#### **PREREQUISITES**

CBE 142 ([cbe142.html](#)) and CBE 150B ([cbe150b.html](#))

### **WORKLOAD**

#### **TIME COMMITMENT**

3 hours of lecture per week.

## COLLEGE OF CHEMISTRY PEER SERVICES

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lang=en) students/peer-

advising