

## **BIO-60 — INTRODUCTION TO MOLECULAR AND CELLULAR BIOLOGY**

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### **About This Course**

**Transfer:** UC, CSU

**C-ID:** (C-ID:BIOL 190)(C-ID:BIOL 135S=BIO 60+BIO 61)

5.00 units

**Prerequisite:** CHE-1A or CHE-1AH, **Advisory:** MAT-35, ENG-50, ENG-80 or qualifying placement level.

**Description:** An intensive course for all Life Science majors designed to prepare the student for upper division courses in molecular biology, cell biology, developmental biology, evolution, and genetics. Course material includes principles of biochemistry, prokaryotic and eukaryotic cell structure and function, metabolism including photosynthesis and respiration, cell division and its control, classical and molecular genetics, signal transduction, early animal development, evolution and the diversity of life at the cellular level. 72 hours lecture and 54 hours laboratory.(Letter grade only)