

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

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## **ESPM C138/MCB C114/PMB C114 - INTRODUCTION TO COMPARATIVE VIROLOGY (4 UNITS)**

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

### **COURSE OVERVIEW**

#### **SUMMARY**

This course will provide a comparative overview of virus life cycles and strategies viruses use to infect and replicate in hosts. We will discuss virus structure and classification and the molecular basis of viral reproduction, evolution, assembly, and virus-host interactions. Common features used during virus replication and host cellular responses to infection will be covered. Topics also included are common and emerging virus diseases, their control, and factors affecting their spread.

#### **PREREQUISITES**

Introductory chemistry (Chemistry 1A or 3A-3B or equivalent) and introductory biology (Biology 1A, 1AL, and 1B or equivalent) and general biochemistry (Molecular and Cell Biology C100A or equivalent--preferably completed but may be taken concurrently)

Fall only

## WORKLOAD

## TIME COMMITMENT

3 hours of lecture and 1.5 hours of discussion per week.

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

## COLLEGE OF CHEMISTRY PEER SERVICES

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