

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

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MCB C103/PH C102/PMB C103 - BACTERIAL PATHOGENESIS (3 UNITS)

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

COURSE OVERVIEW

SUMMARY

This course for upper division and graduate students will explore the molecular and cellular basis of microbial pathogenesis. The course will focus on model microbial systems which illustrate mechanisms of pathogenesis. Most of the emphasis will be on bacterial pathogens of mammals, but there will be some discussion of viral and protozoan pathogens. There will be an emphasis on experimental approaches. The course will also include some aspects of bacterial genetics and physiology, immune response to infection, and the cell biology of host-parasite interactions.

PREREQUISITES

100, 102 or consent of instructor

Spring only

WORKLOAD

TIME COMMITMENT

3 hours of lecture per week.

