

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

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MATH 104 - INTRODUCTION TO ANALYSIS (4 UNITS)

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

COURSE OVERVIEW

SUMMARY

The real number system. Sequences, limits, and continuous functions in $\mathbb{R}$ and $\mathbb{R}^n$. The concept of a metric space. Uniform convergence, interchange of limit operations. Infinite series. Mean value theorem and applications. The Riemann integral.

PREREQUISITES

MATH 53 ([math53.html](#)) MATH 54 ([math54.html](#))

WORKLOAD

TIME COMMITMENT

3 hours of lecture per week

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

COLLEGE OF CHEMISTRY PEER SERVICES

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