

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

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IB 164 - HUMAN GENETICS AND GENOMICS (4 UNITS)

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

COURSE OVERVIEW

SUMMARY

This course will introduce students to basic principles of genetics, including transmissions genetics, gene regulation, pedigree analysis, genetic mapping, population genetics, and the principles of molecular evolution. The course will also introduce students to recent developments in genomics as applied to problems in human genetic diseases, human history, and the relationship between humans and their closest relatives.

PREREQUISITES

Biology 1A, 1B, and Math 16A, or equivalent

Fall only

WORKLOAD

TIME COMMITMENT

3 hours of lecture and 2 hours of laboratory per week.

COLLEGE OF CHEMISTRY PEER SERVICES

Made by Angela Lee, c/o 2019



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