

Undergrad Interdisciplinary Studies (UGIS)

UGIS 5A Doing Research: Critical Inquiry at Berkeley 1 Unit

Department: Undergrad Interdisciplinary Studies

Course level: Undergraduate

Term course may be offered: Summer

Grading: Offered for pass/not pass grade only.

Hours and format: 2.5 hours of Lecture per week for 6 weeks.

Introduces the nature of research and the research university's role in the production of knowledge. Explores differences and similarities among modes of inquiry in sciences, social sciences, and humanities by looking at UCB faculty and their various approaches to current problems. Examines challenges and rewards of doing research. Profiles undergraduate researchers. Online course for new freshmen culminates in (optional) welcome week activities.

UGIS W5 Doing Research: Critical Inquiry at Berkeley 1 Unit

Department: Undergrad Interdisciplinary Studies

Course level: Undergraduate

Term course may be offered: Summer

Grading: Offered for pass/not pass grade only.

Hours and format: 2.5 hours of Web-based lecture per week for 6 weeks. This is an online course.

Introduces the nature of research and the research university's role in the production of knowledge. Explores differences and similarities among modes of inquiry in sciences, social sciences, and humanities by looking at UCB faculty and their various approaches to current problems. Examines challenges and rewards of doing research. Profiles undergraduate researchers. Online course for new freshmen culminates in (optional) welcome week activities. This course is web-based. Formerly known as 5.

UGIS C10/OPTOM C10 The Eye and Vision in a Changing

Environment 2 Units

Department: Undergraduate Interdisciplinary Studies; Optometry;

Undergrad Interdisciplinary Studies

Course level: Undergraduate

Term course may be offered: Spring

Grading: Letter grade.

Hours and format: 2 hours of Lecture per week for 15 weeks.

Course covers introduction to the basis of common sight reducing visual disorders with major public health implications for society--e.g., myopia, cataracts, diabetic hypertensive eye disorders, developmental disorders (e.g., lazy eye), and environmentally induced disease and disorders (solar eye burns, cataracts). Major approaches to the prevention, diagnosis, and treatment of common disorders will be addressed in terms of the biological and optical sciences underlying the treatment or prevention. Impact of eye care on society and health and care delivery will be reviewed.

Instructor: Adams

UGIS 39B Freshman/Sophomore Seminar 1.5 - 4 Units

Department: Undergrad Interdisciplinary Studies

Course level: Undergraduate

Terms course may be offered: Fall and spring

Grading: The grading option will be decided by the instructor when the class is offered.

Hours and format: 1 hour of seminar per week per unit.

Freshman and sophomore seminars offer lower division students the opportunity to explore an intellectual topic with a faculty member and a group of peers in a small-seminar setting. These seminars are offered in