

BIOL 191: COURSE-BASED RESEARCH EXPERIENCE(R)

During this Course-based Undergraduate Research Experience (CURE), students will learn the importance of discovery, collaboration, and iteration in the research process. The goal of the four-week course is to involve students in active research guided by their collaborative inquiries, empirical observation, cutting-edge technologies, and the sense of excitement that comes from working to answer important questions.

Depending on the research topic as well as students' and instructor interests and needs, team(s) (e.g., pairs, small group, whole class) will be formed to complete research tasks. The course incorporates the following elements: (a) meaningful collaboration with peers, (b) an open-ended driving question, (c) sustained inquiry, (d) authenticity, (e) students' voice, choice, and ownership of their project (f) critique, reflection, and revision, (g) chances to fail and try again, and (h) an opportunity to communicate findings to the public. CURE was developed for a range of undergraduate students, such as first-year students with little to no research experience, non-majors, or for students farther in their program with research experience.

Credits: 4

Department: [Biology](#)