MASTER OF SCIENCE IN CELL AND MOLECULAR BIOLOGY

The graduate program in Cell and Molecular Biology is an interdisciplinary, degree-granting program that comprises over 100 faculty members from 16 departments and 5 colleges who share common interests in cell and molecular biology. The M.S. program includes a core of lecture courses in advanced molecular genetics, cell biology, laboratory research techniques, science communication, and ethical conduct of science. Students may also select additional courses in areas related to their interests. Each year, students also participate in a student seminar series in which they present on a topic connected to cell or molecular biology and a weekly seminar series with presentations by CSU faculty and nationally prominent scientists.

Core courses can typically be completed during the first year. The Plan A M.S. degree can be completed within two years. The Plan B M.S. degree can be completed within 3 semesters.

Current focus areas of research include, but are not limited to the following: Cancer Biology; Gene Expression; Genome Structure, Evolution & Repair; Infectious Disease; Metabolism & Physiology; Microbiomes; Plant Molecular Biology, Prions & Neurobiology; Stem Cells & Development; and Synthetic Biology. Students are encouraged to complete coursework in computational / quantitative approaches.

Students interested in this graduate program should refer to the Cell and Molecular Biology website for further details.