

# MASTER OF SCIENCE IN CELL AND MOLECULAR BIOLOGY

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The graduate program in Cell and Molecular Biology is an interdisciplinary, degree-granting program that comprises over 100 faculty members from 17 departments and 6 colleges who share common interests in cell and molecular biology. The M.S. program core includes coursework in molecular genetics, cell biology, science communication, and ethical conduct of research. Students may also select additional courses in areas related to their interests. Two alternating graduate seminar series allow students to present their research and attend 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.

Most MS students are admitted with the support of a faculty advisor to oversee the research portion of their training. Current focus areas of research include but are not limited to, Cancer Biology; Gene Expression; Genome Structure, Evolution & Repair; Infectious Disease; Metabolism & Physiology; Microbiomes; Plant Molecular Biology, Prions & Neurobiology; Stem Cells & Development; Synthetic Biology and STEM Communication. Students are encouraged to complete coursework in computational/quantitative approaches, and an emphasis is placed on effective communication with various audiences. The CMB program supports a student association and aims to create an inclusive and welcoming culture for all.

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