Biomedical Sciences

The Biomedical Sciences (BMS) program is an interdisciplinary graduate research program that equips students with the training and research tools to study the function of tissue and organ systems in development, physiology, and disease. The study of these higher levels of biological systems integration represents one of the most important challenges in modern cell and molecular biology.

Students in the BMS program must acquire a level of competence in molecular biology, genetics, and cell biology comparable to that expected of students in traditional programs focused in these areas. At the same time, the program incorporates the study of core developmental, physiological, and pathological features of human biology and disease. The BMS curriculum results in a new generation of interdisciplinary biomedical scientists who are able to forge collaborations that break down traditional research boundaries.

faculty
More than 250 faculty members are associated with the BMS program across more than 50 departments at UCSF.

thematic areas
- cancer biology and cell signaling
- developmental and stem cell biology
- human genetics
- immunology
- neurobiology
- tissue/organ biology and endocrinology
- vascular and cardiac biology
- virology and microbial pathogenesis

The BMS program office is located at the Parnassus campus. Labs and/or classrooms are located at the Mission Bay and Parnassus campuses as well as at San Francisco General Hospital, Mt. Zion, and the Veterans Administration Medical Center in San Francisco. Visit the program website [1] for more information.