

BIOPHYSICS, DOCTOR OF PHILOSOPHY

Graduate Studies

Graduate Study

The Biophysics Graduate Group offers a program leading to a Ph.D. degree in biophysics. The interdisciplinary program prepares students to conduct independent research at the interface of physics, chemistry, and biology. Students employ advanced quantitative research methods and models to explore biophysical mechanisms in living systems. Faculty members have particular research interests in physical biology of the cell, structural biology, computational biology, membrane mechanics, systems and synthetic biology, mechanisms of catalysis and energy transduction, neuroscience, and imaging. Students choose from the broad biophysics research venues a research laboratory that matches their interests and career goals.

The Master of Sciences degree is offered only en route to the Ph.D.