The Mathematical Biology program provides for broad mathematical training with the opportunity to do cross-disciplinary research in a wide range of areas in modern biology. The program includes mathematics and life science coursework, laboratory rotations, internships, journal clubs, and mentoring from a diverse faculty. The program leads to a Ph.D. in mathematics.

Areas of specialization include:

- Biological Fluid Dynamics
- Cell Biology
- Ecology
- Immunology
- Neuroscience
- Physiology
- Population Dynamics
- Molecular Biology

The University of Utah is committed to a policy of equal opportunity in student admissions, student financial assistance, and faculty and staff employment and advancement, without regard to race, color, religion, sex, or national origin.