

DEPARTMENT OF BIOLOGY

The Department of Biology (<https://biology.mit.edu>) offers undergraduate, graduate, and postdoctoral training in basic biology and in a variety of biological fields of specialization. The quantitative aspects of biology—including molecular biology, biochemistry, genetics, and cell biology—represent the core of the program. Students in the department are encouraged to acquire a solid background in the physical sciences not only to master the applications of mathematics, physics, and chemistry to biology but also to develop an integrated scientific perspective. The various programs, which emphasize practical experimentation, combine a minimum of formal laboratory exercises with ample opportunities for research work both in project-oriented laboratory subjects and in the department's research laboratories. Students at all levels are encouraged to acquire familiarity with advanced research techniques and to participate in seminar activities.