PHYSIOLOGY

The Physiology courses listed will provide students with an overview of plant and animal physiology, with a focus on neurobiology.

The Department recommends that students interested in the cellular basis of physiology take additional courses in cell and molecular biology (see the Cell and Molecular Biology link for a full list of relevant courses). Students interested in whole-organism physiology should take additional courses in organismal biology (see the Organismal Biology link for a full list of relevant courses).

**Foundation Courses** (these courses should be taken)
- BIOL 355: Evolution
- BIOL 360: Cell Biology
- BIOL 365: Animal Physiology (L)
- BIOL 366: Plant Physiology (L)

**Supporting Courses** (take as many as possible)
- BIOL 309: Developmental Biology (L)
- BIOL 367: Neurobiology
- BIOL 404: Sensory Biology
- BIOL 409B: Experimental Neurobiology (L) (offered in alternate years)
- BIOL 435: Molecular Evolution
- BIOL 447: Ion Channels and Disease
- BIOL 448: Neuroethology (T)
- BIOL 458: Plant Biochemistry and Biochemical Ecology
- BIOL 467: Neural Development

**Other Relevant Courses**
- BIOL 330: Study Design and Data Analysis (L)

**Relevant Courses Outside Biology**
- BIOC 300A: General Biochemistry I
- BIOC 300B: General Biochemistry II
- BIOC 403: Biochemistry of Signal Transduction
- BIOC 404: Proteins

(L) = lab; (T) = tutorial