

**BEES Core**

- Evolution (BSC 470)
- Biostatistics & Biostatistics Laboratory (BSC 490, 420.27)
- Seminar (BSC 420) (2 for M.S., 4 for Ph.D. students)

**BEES Concentration** (Minimum of three conceptually-based courses required)

- Advanced Studies: Evolution and Ecology of Infectious Disease (BSC 450.48) (3)
- Biology of Algae (BSC 330) (4)
- Community Ecology (BSC 405) (4)
- Conservation Biology (BSC 406) (3)
- Ecological Physiology of Animals (BSC 325) (3)
- Ethology (BSC 486) (4)
- Genetics of Behavior (BSC 319) (4)
- Hormones & Behavior (BSC 327) (3)
- Plant Diversity (BSC 333) (4)
- Population Ecology (BSC 404) (4)
- Stream Ecology (BSC 375/376) (3-4)
- Systematic Biology (BSC 488) (3)

**BEES Recommended Electives** (the major professor and student's committee will determine electives from those listed below and other suitable courses):

**Advanced Area Studies**

- Advanced Cell Biology (BSC 415) (3)
- Biophysics of Neurological Systems (PHY 380A80) (3)
- Immunology (BSC 367) (4)
- Introduction to Endocrinology (BSC 345) (3)
- Introduction to Neurobiology (BSC 343) (3)
- and other courses in the concentration

**Techniques**

- Advanced Studies in Biostatistics (BSC 450.37) (3)
- Biological Microscopy (BSC 418) (4)
- Biotechnology Laboratory I: DNA Techniques (BSC 353) (3)
- Genomics and Bioinformatics (BSC355) (3)
- Geographic Information Systems (3) (GEO 303)
- Geographic Information Systems and Applications (GEO 304) (3)

**Organismal Courses**

- Avian Biology (BSC 396) (4)
- Entomology (BSC 301) (4)
- Tropical Rainforest Ecology (BSC 311) (3)
- and other courses in the concentration.