BIOLOGY, PHYSIOLOGY CONCENTRATION (M.S.)

Program Requirements

Required Courses
- BIOL 520  Plant Physiology  3
- BIOL 540  Mammalian Physiology  3
- BIOL 544  Advanced Comparative Animal Physiology  3
- BIOL 592  Graduate Colloquium  1

Electives and Culminating Experience

Electives
Select 15-17 credits from the following (15 credits required if Thesis option is chosen):

- BIOL 533  Advanced Cell Biology
- BIOL 542  Advanced Endocrinology
- BIOL 543  Advances in Immunology
- BIOL 546  Topics in Physiology
- BIOL 547  Molecular Biology I
- BIOL 549  Topics in Developmental Biology
- BIOL 551  Intermediary Metabolism I
- BIOL 552  Biology of Lipids
- BIOL 554  Microbial Physiology
- BIOL 570  Ecology
- BIOL 571  Physiological Plant Ecology
- BIOL 576  Biology of Extreme Habitats
- BIOL 579  Physiological Ecology of Animals
- BIOL 586  Selected Advanced Topics in Biology
- STAT 541  Applied Statistics
- STAT 546  Non-Parametric Statistics
- STAT 547  Design and Analysis of Experiments
- STAT 548  Applied Regression Analysis

Culminating Experience

Research in Biological Literature
- BIOL 597  Research in Biological Literature  1

Thesis or Non-Thesis Option
Select one of the following options:  4-6

Thesis
- BIOL 698  Master's Thesis
Submit the completed Thesis original and one copy to the Graduate Office. See Thesis Guidelines for details.

Research and Comprehensive Examination

- BIOL 599  Introduction to Biological Research
- GRAD CMP  Comprehensive Examination
In the term that you will sit for exam, register for the section which matches your major & advisor. Successfully pass exam.

Total Credits  32