Biology, M.S. *master*

Required Credits: 30
Required GPA: 3.00

Pathway 1: Thesis Option

I. REQUIRED CORE
Complete the following courses:

- BIOL 6338 Advanced Science Communication (3 credits)
- BIOL 6350 Computer Applications in Statistics (3 credits)
- BIOL 6890 Grants and Contracts (2 credits)

Must be taken 4 times over 4 semesters for 4 credits:

- BIOL 6880 Seminar (1 credit)

II. REQUIRED ELECTIVES
Select, with consent of advisor, a minimum of 12 semester credits of graduate level coursework in Biology or related field:

III. REQUIRED RESEARCH THESIS
Complete the following course for 6 credits:

- BIOL 6990 Thesis (1-4 credits)

COMPETENCY REQUIREMENT

Statistics: A working knowledge of applied statistics. This requirement may be satisfied by successfully completing BIOL 6350.

Pathway 2: Non-Thesis Option

I. REQUIRED CORE
Complete the following courses:

- BIOL 6330 Current Topics in Biology (3 credits)
- BIOL 6338 Advanced Science Communication (3 credits)
- BIOL 6350 Computer Applications in Statistics (3 credits)
- BIOL 6450 Trajectories in Biology: Past, Present, and Future (3 credits)
- BIOL 6890 Grants and Contracts (2 credits)

II. REQUIRED ELECTIVES

Select, with consent of advisor, a minimum of 13 semester credits of graduate level coursework in Biology or related field:

III. REQUIRED CAPSTONE (Note: Completed in student's final semester.)

- BIOL 6899 Capstone (3 credits)

COMPETENCY REQUIREMENT

Statistics: A working knowledge of applied statistics. This requirement may be satisfied by successfully completing BIOL 6350 Computer Applications in Statistics (3 credits).