



Biology, M.S. *master*

Biology, MS

Required Credits: 30

Required GPA: 3.00

I. REQUIRED CORE

Complete the following courses:

- BIOL 6338 Advanced Science Communication (3 credits)
- BIOL 6350 Computer Applications in Statistics (3 credits)
or ENVR 6410 Environmental Data Science and Modeling (3 credits)
- BIOL 6890 Grants and Contracts (3 credits)
or ENVR 6790 Environmental Project Management (3 credits)

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

- BIOL 6880 Seminar (1 credit)
or ENVR 6880 Seminar (1 credit)

II. REQUIRED ELECTIVES

Select, with consent of advisor, a minimum of 11 semester credits of graduate level coursework.

III. REQUIRED RESEARCH THESIS

Complete the following course for 6 credits:

- BIOL 6990 Thesis (1-4 credits)

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)
or ENVR 6410 Environmental Data Science and Modeling (3 credits)
- BIOL 6460 Teaching and Learning in College STEM (3 credits)
or ENVR 6250 Advanced Environmental Studies (3 credits)
- BIOL 6890 Grants and Contracts (3 credits)
or ENVR 6790 Environmental Project Management (3 credits)

II. REQUIRED ELECTIVES

Select, with consent of advisor, a minimum of 12 semester credits of graduate level coursework.

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

- BIOL 6899 Capstone (3 credits)
or ENVR 6899 Capstone (3 credits)