# M.S. Biology - Thesis 2021

## First Year

### FALL SEMESTER
- BIOL 5314 – Biometry
- BIOL 5340 – Bioinformatics*
- BIOL 5101 – Current Topics*

### SPRING SEMESTER
- BIOL 5101 – Current Topics*
- Choose 2 from:
  - BIOL 5302 – Microbial Genetics
  - BIOL 5303 – Microbiomes: Health and the Environment*
  - BIOL 5304 – Virology*
  - BIOL 5310 – Selected Topics

### SUMMER (optional)
- BIOL 5307 – Neurobiology*
- BIOL 5349 – Cooperative Program in Biology*†

## Second Year

### FALL SEMESTER
- Choose 2 from:
  - BIOL 5309 – Immunology*
  - BIOL 5310 – Selected Topics
  - BIOL 5312 – Advanced Genetics
  - BIOL 5336 – Molecular Evolution
  - BIOL 5354 – Limnology
  - BIOL 5355 – Toxicology*
  - BIOL 5391 – Individual Problems in Biology*

### SPRING SEMESTER
- BIOL 5101 – Current Topics*
- BIOL 5698 – Thesis
- Choose 1 from:
  - BIOL 5311 – Evolution
  - BIOL 5317 – Bacterial Pathogenesis
  - BIOL 5319 – Human Genetics*
  - BIOL 5335 – Genomics

**Required Program Hours: 30**

This is an example of how a student can complete the degree in two years. Students should always seek guidance from their advisor when selecting courses. Up to 9 credits of 3000/4000 level BIOL courses may be used to satisfy the degree requirements in place of these listed courses.

*Course may be offered in either a hybrid or fully online format. Check MyMav and course syllabi for current modalities.
†For qualified students; offered every semester and 11 week summer session.