

COLLEGE OF SCIENCE

DEPARTMENT OF BIOLOGY

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.



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