

ADVANCEMENT TO CANDIDACY

Admission to candidacy for the Master of Science (M.S.) degree is granted after the student completes a minimum of twelve (12) semester hours of resident graduate credit in biology. Only two courses with “C” grades, regardless of credit hours, will be accepted toward credit for the master’s degree. The overall grade point average in biology of a student seeking the Master of Science degree must be a “B” or better.

Persons failing to meet candidacy requirements are placed on probation for a semester or a summer. In the event candidacy requirements are not met at this time, it will be understood that no further graduate credits by the student will be applicable to the M.S. degree in biology.

MASTER OF SCIENCE IN BIOLOGY DEGREE PROGRAM

Courses for which graduate credit may be obtained are numbered 5000 and above. Upon successful completion of the course work and thesis, the student must pass (1) a written comprehensive examination in biology and (2) an oral examination in defense of the thesis and fundamentals of biology.

DEGREE PROGRAM REQUIREMENTS

Program A (Non-Thesis)

A minimum of 36 hours of graduate biology courses and a major project

Program B (Thesis)

A minimum of 30 hours of graduate biology courses and a thesis.

Students may select from the following list of courses to complete the minimum 30 hour requirements:

Core Courses..... 10 SCH

- BIOL 5074 Genetics
- BIOL 5123 Cell Biology
- BIOL 5143 Field and Animal Ecology

Required Courses.....8 SCH

- BIOL 5003 Research
- BIOL 5094 General Microbiology
- BIOL 5141 Seminar in Biological Problems

Elective Courses.....12 SCH

Select four from:

- BIOL 5013 Genomics
- BIOL 5024 Microbial Anatomy
- BIOL 5033 Physiology, Environment and Man
- BIOL 5053 Air Pollutants
- BIOL 5063 Microbial Activity in Toxicology
- BIOL 5073 Selected Topics in Environmental Toxicology
- BIOL 5183 Experimental Genetics