## NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A minimum of 30 credits of graduate-level coursework is required, with courses selected by the student and M.S. program advisor.

## A. General Requirements (can be taken before or while enrolled in the program)

(credits count towards degree only if taken as part of MS program)

Course # and Title Credits Semester/year taken Grade

General Microbiology \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_

Microbial Genetics \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_

Bacterial Physiology \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_

General Biochemistry \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_

**B: Formal coursework at the 600 or above level taken while enrolled in the program**

**(9 credit minimum)**

Course # and Title Credits Semester/year taken Grade

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_

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## C. Additional graduate level coursework taken while enrolled in the program.

Course # and Title Credits Semester/year taken Grade

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_

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**D. Research experience**

Research (990), special problems (699, 999), and coordinative internship (399) credits may constitute up to 9 credits of the 30 required but cannot be used to satisfy the requirement for 9 credits at the 600 or above level (B above).

Briefly describe the independent study (research, special problems, or internship) you have undertaken as part of the M.S. program. Include the name of your research mentor, semester(s) in which you were registered for independent study credits and total number of credits.

## E. Other graduate course work accepted by the program advisor. (8 credit maximum)

(credits cannot have been used to satisfy any degree, major, or University requirements from any prior degree.)

Course # and Title Credits Institution/year taken Grade

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_

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## F. Coursework Prerequisites (no credit towards degree)

Course # and Title

Biology(2 semesters)

Chemistry (4 semesters including organic +lab)

Math (one course beyond algebra/trig)

Physics (two semesters)

## G. Additional Requirments

Seminar/Research Report

Ethics Workshop

**Credits**

A. General Requirements: \_\_\_\_\_\_\_\_\_ (if taken while enrolled)

B. 600 + level courses \_\_\_\_\_\_\_\_\_ (minimum 9 credits)

C. Other graduate courses \_\_\_\_\_\_\_\_\_

D. Research \_\_\_\_\_\_\_\_\_ (maximum 9 credits)

E. Other accepted courses \_\_\_\_\_\_\_\_\_ (maximum 8 credits)

F. Prerequisites satisfied \_\_\_\_\_\_\_\_\_ (yes/no)

G. Additional Requirements \_\_\_\_\_\_\_\_\_ (yes/no)

#### Total \_\_\_\_\_\_\_\_\_ (minimum 30 credits)

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

Date

### Approved: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

M.S. program advisor Date