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

**COURSEWORK and RESEARCH CREDITS**

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 at UW-Madison)

Course Credits Semester/year taken Grade

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

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

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

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

## B. Formal Graduate-Level Coursework

(at least 10 credits; 5 must meet stated criteria on website ✓)

Course # and Title ✓ Credits Semester/year taken Grade

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## C. Independent Research

(at least 12 credits)

Course # and Advisor Credits Semester/year taken Grade

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## D. 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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## E. 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)

## F. Additional Requirment

Ethics Workshop

**Credits**

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

B. Formal Graduate Level Coursework \_\_\_\_\_\_\_\_\_ (10 credits minimum)

C. Independent Research \_\_\_\_\_\_\_\_\_ (12 credits minimum)

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

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

F. Additional Requirement \_\_\_\_\_\_\_\_\_ (yes/no)

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

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

Date

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

M.S. program advisor Date