



Howard Lake-Waverly-Winsted ISD #2687

"Excellence through Education"



NEW COURSE PROPOSAL

- Step 1: Communicate with the Principal about the new course.
- Step 2: Complete this form fully.
- Step 3: Obtain required signatures.
- Step 4: Submit to Counseling Department.
- Step 5: Counseling Department adds items in RED to SYNERGY.

Course Background

Name of proposed course name: Microbiology

Date of proposed new course (school year it would begin): 2023-2026

Department submitting proposal: Science

Staff member name submitting proposal: Brittney Topliiff

Is the proposed course replacing an existing course? YES NO

If so, what course is being replaced? _____

Rationale (include reasons why this proposal needs to be considered outside the curriculum cycle):

This class would give a competitive edge to HLWW students who aspire to join medical or veterinary programs

Type of course: Required Elective

Prerequisite(s): 70% or better in Biology

Course Duration: Semester Full Year

Grade Levels: 9th Grade 10th Grade 11th Grade 12th Grade

MN Academic Standards: 9L.1.1 (cells and organisms) (9L.1.2) (genetics and heredity) 9L.3.2 (interactions among living systems and the environment)

Course Description:

"Step into the microscopic world and discover the organisms that shape life on Earth! In this course students will investigate bacteria, viruses, fungi, and other microorganisms that play critical roles in health, ecosystems, and industries."

Scheduling Considerations (# of semesters, alternating years, grade levels allowed, etc.):

1 semester, 11-12 grade

Estimated Costs

Resources/Textbook (list title, copyright date, publisher, and cost): _____

Microbiology, published November 1st, 2016 through OpenStax

No cost

Curriculum Writing Needs (# of hours needed for curriculum mapping and writing essential standards):

None

Staff Development Needs (additional training staff needs to teach the course): _____

None

Staff Impact (who will teach the course, effect on dept. staffing, effect on other depts. +/-, student/staff ratio, etc.):

Brittney Topliiff would teach this as half of a 6th assignment.

Facility Impact (any special consideration for space, equipment, etc.): _____
None

Required Signatures:

Department Chair: _____ **Date:** 10/16/24

Curriculum Director: _____ **Date:** 10/16/24

Principal: _____ **Date:** 10/16/24

After obtaining the required signatures, submit to Counseling Department. Counseling Department will add to Synergy.

Final Approval Signature:

Principal/Superintendent/Board: _____ **Date:** 10/21/24

Additional Notes:

Curriculum/Counseling Department Use Only:

Synergy District Course:

Course ID Assignment: _____

Academic Type: _____

Course Subject Area: _____

STAR Assignment: _____

STAR Grade Level: _____

(If not 9-12, mark with the lowest grade offered.)

National Course Classification:

Subject Area: _____

Course Level: _____

Course Code: _____

State Course Classification:

Course Record Type: _____

Subject Area: _____

Course Level: _____

Standard Addressed: _____

AP Indicator: (Remember to fill in - AP Test Group Name)

Civil Rights Data Collection:

CRDC Subject Area: _____

CRDC Course Code: _____

Federal AP Code: _____

College In Schools Courses:

College Prep:

College Approved:

Dual Credit:

Course Level: Dual/Concurrent Enrollment

(Check the Dual/Concurrent Box in State Course)

College Code: _____

College Course Code: _____

College Course Title: _____

College Course Credits: 2 3 4

College Name: _____