COURSE PROPOSAL

HBIO 498: Research in Human Biology

## Overview

*HBIO 498: Research in Human Biology* is a course that allows you to apply what you are learning in the Human Biology curriculum to research related to human health, health science, or biomedical science. This can be a great way to use experiences outside of the classroom to advance your understanding of Human Biology while learning how scientific research leads to the creation of new knowledge. Participating in undergraduate research can also help improve your problem solving, analytical, and communication skills.

You must be participating in paid or unpaid research that is related to Human Biology. You must arrange for this position yourself—the Human Biology program does not offer any prearranged research opportunities. Once you have secured a position, you will collaborate with your supervisor to complete the proposal below. The proposal is reviewed and approved by the program director before you can be enrolled into the course.

The proposal will be reviewed and approved based on the following criteria.

* Is the research question related to human health, health science, or biomedical science?
* Will the student have a substantive role in helping to answer the research question? Will that role help the student develop knowledge and skills aligned with the goals of the Human Biology program?

## Evaluation

The course coordinator will evaluate performance based on:

* The quality and timeliness of your written reflections about your experience
  + Once enrolled in the course you will receive information about a series of written reflections that you will write throughout the semester.
  + Writing prompts will be related to the research goals, challenges and successes, development of new skills and knowledge, and the nature of academic research.
* Evaluation by supervisor
  + Your supervisor will be asked to complete two brief written, confidential evaluations, one before the midpoint in the semester and the second toward the end of the semester. The supervisor will be asked to comment on the number of hours worked, your work habits, and your accomplishments. We will also contact your supervisor at the time of enrollment to confirm your participation.

## Course Credit

You may earn 1-3 credits for HBIO498 in a semester based on the average number of hours worked per week.

* 3: average 10 or more hours/week
* 2: average 5-9 hours/week
* 1: average 3-4 hours/week

A maximum of 3 credits of HBIO498 will count toward Selective requirements for the Human Biology degree. HBIO498 credits must be paid for like any other courses.

*Note:* You must be enrolled in HBIO498 before the add/drop period ends in a given semester—HBIO498 credit will not be given for past research experiences, and you may not join the course after the add/drop period.

*Send questions or completed applications to Dr. Cori Fata-Hartley, Human Biology Program Director.*

*fatahart@msu.edu*

# Proposal Form

**Directions**: The proposal should be collaboratively developed by the student and the supervisor. Provide typed answers to the following prompts.

### **1. Student Enrollment Information**

NAME:

PID:

EMAIL:

HOURS PER WEEK TO BE WORKED:

SEMESTER:

Human Biology Independent Study credits previously earned (and indicate the course: HBIO (or NSC) 496, 497 or 498):

### **2. Internship Information**

COMPANY OR INSTITUTION NAME:

SUPERVISOR NAME:

SUPERVISOR TITLE:

EMAIL:

PHONE:

### **3. Proposed Research Project**

Provide a description of the proposed research project. What is the research question being addressed? What is the plan to address the question? How does it relate to human health, health science, or biomedical science?

### **4. Student Role, Skills, and Competencies**

Describe your role in the project and the type of work you will be doing. How will you be contributing to answering the research question? What types of knowledge and skills will you develop?

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### **5. Supervision (to be completed by the supervisor)**

Briefly describe the training that will be provided for the student. Describe how the student’s research progress and performance will be monitored.

*Note: The supervisor will be asked to will be asked to complete two brief written, confidential evaluations, one before the midpoint in the semester and the second toward the end of the semester.*

### **6. Acknowledgements**

By *typing* your name below, you acknowledge that you have reviewed the expectations for the course including the evaluation process and that the above information is correct to the best of your understanding.

(1) Student:       Date:

(2) Supervisor:       Date: