

## Sample Disciplinary Honors in Biomedical Sciences Plan – Community Engagement Track

Questions regarding the community engagement track should be addressed to Autumn Swanson, [autumn.swanson@marquette.edu](mailto:autumn.swanson@marquette.edu).

**Title:** Development of a Marquette student based tutoring program at x High School

**Research or Community Engagement Track:** Community Engagement

**Mentor:** Dr. Doug Lobner

### **Summary of goals for the Honors experience:**

I have been in contact with Mr/Ms X at X High School who I will work with to set up a tutoring program involving students from Marquette University. My first community engagement course (BISC 4991H, 3 credits) will involve setting up and starting this program. My second community engagement course (BISC 4991H, 3 credits) will involve assessing the effectiveness of the program. I will work with Mr/Ms X to understand the needs of the students and how best to organize the tutoring program. I will take elective courses that may help me in understanding how to develop such a program or that will help determining how to assess the effectiveness of the program. I believe that these activities will have multiple benefits. This program will allow me to better develop organization and leadership skills, it will provide fulfilling volunteer opportunities for Marquette students, and it will provide beneficial tutoring help to in need high school students.

### **Community Engagement Project:**

The goal of the project is to develop and implement a tutoring program in the sciences at X High School. Marquette students are highly interested in volunteer activities in the local community, and local high schools are in need of tutoring help, particularly in the sciences. Therefore, the opportunity exists to establish a program that is beneficial to both groups. Once the program is established determining its effectiveness, and considering ways to improve it, will also be attempted. This will be done through surveys of both the Marquette students involved in the tutoring and the high school students being tutored.

### **Courses:**

I will take Honors Community Engagement in Biomedical Sciences (BISC 4991H) for two semesters (3 credits each semester).

I will take the 2 of the following one credit honors courses, physiology in depth, advanced pathology, or advanced biochemistry. The exact courses that are chosen will depend on which are the most useful for the types of tutoring that is being done.

Elective courses that I will take may include those involved in community engagement that would help in understanding how to develop the program such as SOWJ 2600 (Community Organizing). Other elective courses that I will take will involve assisting with the assessment of the effectiveness of the tutoring program. Therefore, courses in statistics and sociology may be taken.

**How will the writing component of the Honors Program be fulfilled:**

Along with the presentation for the capstone course I will also write a 5-10 page paper summarizing the results of the program that was initiated. This paper will include a discussion of problems that were encountered and suggestions for improving the program in the future.

**Other community engagement related activities:**

I will also attend any seminars at Marquette University that are related to the type of community engagement that I will be performing.

**Research Involvement:**

I will seek opportunities at Marquette University for experience in research involving teaching methods, ideally specifically involving teaching of high school students.