

## **Epidemiology (MS) – HHS**

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**Assessment Lead: Dr. Brad Hubbard**

### **Step 1: Student Learning Outcome**

**DLO 4:** Have the ability to develop substantive knowledge of the epidemiology of a disease or exposure of interest.

### **Step 2: Assessment Methods and Measures**

**Individual Project:** The individual project is broken up into 3 parts. In this individual project, you will apply methodological concepts and data analysis skills that you've learned in the course to analyzing epidemiologic data. You will investigate an exposure-disease relationship using a data set that will be provided by the instructor. This sequence of analytic steps is something you may use in your own future research projects.

### **Step 3: Criteria for Success**

TBD

### **Step 4: Summary of Results**

**Baseline:** The School of Public Health expects graduate-level students to perform at a baseline level of 80% - at a minimum, students are expected to score 80% on all assignments with respect to total assignment points possible. Utilizing a 4-point rubric scale, a score of 80-89% results in a earning rubric score of 3 (Applies Knowledge), and a score of 90-100% results in earning rubric score of 4 (Advanced Proficiency).

**Target:** 80% or more or of students earn a rubric score of 3 Applies Knowledge or 4 Advanced Proficiency.

**Results:** Assignment 1 is worth 20 points. Among the 44 students completing Assignment 1 in PH 601-1002 in Fall 2023, 17 students (39%) earned between 18

points or above (rubric score 4 Advanced Proficiency), 21 students (48%) earned between 16 and 18 points (rubric score 3 Applies Knowledge), and 6 students (14%) earned between 14 and 16 points (rubric score 2 Conceptual Proficiency). Of the students assessed, 38 of 44 students (86%) met the criteria and 6 students (14%) did not.

### **Step 5: Action Plan**

TBD - Assessment results are provided to the SPH Academic Affairs Team for review and distribution to the appropriate Divisions within the School.