

EPIDEMIOLOGY, M.S.

Overview

The Master of Science in Epidemiology program focuses on the development of research skills necessary for the study of the factors which influence the public's health. Students whose long-term academic goal is to pursue a doctoral degree should enroll in the Master of Science degree program.

Learning Outcomes

- Students will formulate research questions and develop evidence-based hypotheses that are testable with quantitative data.
- Students will develop protocols for primary data collection and for documentation of secondary data analyses.
- Students will synthesize and critically evaluate public health literature.
- Students will choose and apply appropriate quantitative analysis methods to answer a specific research question using a public health dataset.
- Students will communicate epidemiological findings effectively in oral and written formats.
- Students will demonstrate proficiency in at least one software package (SAS, R, etc.) to manage a public health dataset.
- Students will demonstrate proficiency in quantitative analysis of health disparities and health inequities.