Overview

This course builds upon an understanding of research methods and quantitative analysis. Concepts of population health, epidemiology, and evidence-based practices provide the foundation for understanding the importance of data for informing healthcare organizational decisions.

Competencies

- **Overview of Evidence-based Practice and Research**
  The graduate examines applied research paradigms and methods in support of evidence-based practice (EBP).

- **Statistical Methods**
  The graduate examines descriptive and inferential statistics to inform administrative decisions in a healthcare setting.

- **Epidemiology and Evidence-Based Practices**
  The graduate examines evidence-based practices in epidemiology and community health.

- **Evaluation of Evidence-Based Practices**
  The graduate evaluates research reports and data to guide administrative decisions based upon evidence-based research practices.

Learning

**Getting Started**

Welcome to Healthcare Research and Statistics. In this course, you will learn about four topics: Overview of Evidence-based Practice and Research, Statistical Methods, Epidemiology and Evidence-based Practice, and Implementation and Evaluation of Evidence-based Practice. Within these topics, you'll be asked to read the text and external articles, and complete “Engage” activities (a way to test your knowledge). Within the “Discover” section, you’ll see Challenge questions that you should try to answer – we've provided an Interactive Notebook where you can easily keep a record of your answers. Recording your notes will help increase your ability to gain competency in the course. Competency will be demonstrated by the successful completion of an Objective Assessment. To help you track your progress in the course, view the Pacing Guide located in the Course Information section. To get started, click "Go to Course Materials".

Note: We recommend you wait to take the preassessment after you have learned the content in this course. If you feel you already have a solid background in the content, discuss the timing of the preassessment with your mentor.
Cohort Sign-up

Cohorts provide additional structure and support for challenging aspects of this course. In a cohort, you receive specific homework assignments and meet online with mentors and students regularly to discuss the challenging topics.

EXPLORE COHORT OFFERINGS

Course Information

- Pacing Guide
- WGU Library
- Book a Course Instructor Appointment
- Student Success Center
- Accessibility Policy
- WGU Writing Center

Course Instructor Group

bsbhm@wgu.edu

Course Instructor Responsibility

How to Work with Course Instructors

Failed to retrieve assessments

COURSE INSTRUCTOR

ANNOUNCEMENTS

COURSE TIPS