Overview

This course explores the significance of research and statistics in care management. You will start by examining the role of evidence-based decisions in care management and how to evaluate the quality of research used to make these decisions. You will examine the role of statistics in making evidence-based decisions about care management. Finally, you will learn how statistics are used in healthcare and how to test the validity of statistics in order to make informed care management decisions.

Competencies

- **Using Predictive Analytics and Other Forecasting**
  The graduate examines how future trends in healthcare delivery are anticipated through predictive analytics and other types of forecasting techniques.

- **Analytics and Community-Based Healthcare Management Decision Making**
  The graduate examines how analytics is applied to inform decisions for public health initiatives and population health management.

- **Analytics and Evidence-Based Decision Making in Organizations**
  The graduate assesses how data analytics is used by healthcare organizations for evidence-based decisions and process improvement.

- **Principles and Application of Research**
  The graduate explains how principles of research are applied when analyzing data to improve healthcare outcomes.

Learning

Getting Started

Welcome to Analytical Methods of Healthcare Professionals! In this course, you will learn about four topics: Principles of Research, Analytics and Organizational Decision Making, Analytics and Community Health Management, and Predictive Analytics. Within these topics, you’ll be asked to read the text and external articles, watch videos, 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, print the Pacing Guide located in the Course Information section.

Assessments

- **Pre-Assessment: Analytical Methods for Health Professionals**
  **Status:** Not Attempted
  **# of Items:** 50
  **Time Alotted:** 150 minutes
  **Code:** PDEO

- **Objective Assessment: Analytical Methods for Health Professionals**
  **Status:** Not Attempted
  **# of Items:** 50
  **Time Alotted:** 150 minutes
  **Code:** DEO1

A score of Competent or Exemplary is required to pass all assessments. Passing a preassessment does not guarantee you will pass the high-stakes assessment.

On objective assessments, you will be charged a retake fee for the third attempt and every attempt thereafter. For more information, click here.

Course Information

- Book a Course Instructor Appointment
- WGU Library
- The Writing Center

https://my.wgu.edu/courses/course/9640007
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<tbody>
<tr>
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<td><a href="mailto:msihcm@wgu.edu">msihcm@wgu.edu</a></td>
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**Announcements**

**Course Tips**

**Course Search**