

# HIM 140 : HEALTHCARE STATISTICS

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## Transcript title

Healthcare Statistics

## Credits

4

## Grading mode

Standard letter grades

## Total contact hours

60

## Lecture hours

20

## Other hours

40

## Prerequisites

MTH 015 or higher or minimum placement Math Level 7.

## Course Description

Provides a study of statistical terminology and health care data collection. Focuses on specific statistical analysis of common health care data, percentile use, research, and descriptive data presentations.

## Course learning outcomes

1. Review primary and secondary sources and uses of health care data.
2. Perform statistical calculations.
3. Analyze health care statistics.
4. Examine basic research principles and presentation of data.
5. Assess frequency distribution for qualitative and quantitative data.
6. Contrast descriptive and inferential statistics.

## Content outline

1. Statistical Terminology and Health Care Data
2. Frequency Distributions and Tables
3. Mathematical Review and Health Information Management  
Computational Applications
4. Health Care Facilities and Providers and Patient Data Collection
5. Census
6. Percentage of Occupancy
7. Length of Stay
8. Hospital Mortality Rates
9. Obstetrical-Related Rates
10. Autopsy Rates
11. Morbidity Rates
12. Vital Statistics
13. Research and Graphic Representation Principles
14. Descriptive and Inferential Statistics

## Required materials

Required textbook, computer and reliable internet access, portable storage device (i.e., USB drive), calculator

## General education/Related instruction lists

- Computation