

HEALTH MANAGEMENT & POLICY (HMP)

Visit the [Course Schedule Search website](#) to find out when courses will be offered during the academic year.

Read more about the courses within this subject prefix in the descriptions provided below.

HMP 933 - Quality and Process Improvement in Healthcare

Credits: 3

This course introduces analytics tools to improve healthcare quality and processes. Topics include quality measures and indicators, project and change management, six sigma components, and lean. A majority of the course will focus on using data relevant tools, and techniques for each of the six-sigma phases: Define, Measure, Analyze, Improve, and Control (DMAIC). Define and measure phases start with a review of probability and distribution rules and various descriptive analytics tools. These phases also include development and application of process maps, flow charts, Pareto charts, relationship matrix, and written procedures. Analyze phase includes hypothesis testing and design of experiments. Improve and control phases include root cause analysis, statistical process control, and lean tools.

Equivalent(s): NURS 933

Grade Mode: Letter Grading