

GRADUATE CERTIFICATE IN HEALTHCARE QUALITY & SAFETY (GCHQS)**GCHQS Curriculum Sample Sequence****Fall Admission****1st Fall Term (8 hours)****Credit Hours****HQS 600: Introduction to Clinical Quality Improvement**

Clinical quality improvement theory; classes of outcomes; process management; management tools and modeling techniques for improvement of clinical processes and decision-making.

4**HQS 610: Quantitative Methods, Measurement, and Tools for Quality Improvement**

Statistical process control techniques applied to clinical and patient service processes, including Lean and Six Sigma methodologies; data system design concepts applied to clinical and financial data for managing health care business processes.

4**1st Spring Term (7 hours)****Credit Hours****HQS 625: Fundamentals of Patient Safety**

Nature and science of patient error; strategies for design of safety-critical systems; hazard analysis and risk assessment in health care organizations; design elements of safety program and high reliability systems.

4**HQS 630: Leadership of High Reliability Organizations**

Applying concepts of high reliability organizations to create an organizational culture that supports strong, functional, and safe patient care environments resulting in quality clinical care and patient satisfaction.

3**Total Credit Hours Earned for Certificate****15**