Nursing Informatics

Nursing Informatics integrates the science of nursing, information management and analytics to identify, define, manage and communicate data, information, knowledge and wisdom in nursing practice. This concentration supports nurses as they partner with consumers, patients, the interprofessional healthcare team and other stakeholders in data management and health care technology decision-making.

This program supports preparation for American Nurse Credentialing Center Certification in Informatics and Certified Professionals in Health Information and Management Systems.

Program Specific Courses:
- BMI 601: Fundamentals of Health Informatics
- BMI 603: Health Informatics Database Modeling and Applications
- NUR 530: Foundational Concepts for Nursing Informatics
- NUR 531: Advanced Concepts in Nursing Informatics
- NUR 539: Role-Focused Practicum: Nursing Informatics (135 Teaching Practicum Hours)

Program Graduate Outcomes:
- Manage nursing and health informatics systems to improve quality and safety and reduce health care costs.
- Appraise data management and health care technology systems for clinical implementation.
- Design innovative information systems to enhance evidence-based practice.
- Prepare to serve as: Nursing Informatics Specialist, Informatics Nurse Executive, IT specialist, Clinical Informatics Analyst, Informatics Project Director, Informatics Consultant and more.

Nurse Educator

The Nurse Educator concentration prepares nurses as educators in increasingly complex, technological health environments with culturally diverse populations. The program fosters scholarship, creativity and innovation as a foundation for teaching and leadership in academic and practice settings. This concentration offers advanced-level courses in education that can be used to provide a transition to doctoral level study, depending on career goals.

Nurse Educator graduates may be eligible to take the National League for Nursing's Certified Nurse Educator certification examination.

Program Specific Courses:
- NUR 671: Teaching in Academic and Practice Settings
- NUR 670: Curriculum Development in Academic and Practice Settings
- NUR 672: Design and Delivery of Mediated Instruction
- NUR 673: Producing and Evaluating Programs for Academic and Practice Settings
- NUR 579: Teaching Practicum (135 Teaching Practicum Hours)

Program Graduate Outcomes:
- Synthesize theory and research which provide a knowledge base for nursing education, science and art.
- Plan, produce and evaluate educational programs that account for regulatory, ethical and legal standards.
- Implement best practices in the delivery of learner-centered education and principles of leadership and change in education.
- Prepare to serve as: Nurse Educator, Staff Nurse Developer, Clinical Nurse Educator, Academic Nurse Educator and more.

Nurse Faculty Loan Program

Students in this program are eligible to apply for the Nurse Faculty Loan Program. Students who commit to teach for four years following graduation from an accredited nursing program are qualified to have up to 85% of funds borrowed cancelled. For additional information, contact Dr. Pauline Komnenich at 602-496-0861.
**Patient Safety and Health Care Quality**

Patient Safety and Health Care Quality provides nurses with advanced preparation in nursing practice and the ability to translate concepts, practices and principles of safety and improvement science to enhance safe, effective patient care. Graduates are prepared to lead interprofessional teams that design, deliver and evaluate safety and quality improvement efforts across diverse practice settings.

This program supports preparation for national certification as a Certified Professional in Healthcare Quality by the National Association for Healthcare Quality and Certified Patient Safety Officer under the International Board for Certification of Safety Managers.

**Program Specific Courses:**

- **NUR 520**: Patient Safety and Health Care Quality Principles Assessment and Methods
- **NUR 521**: Healthcare Evidence, Informatics and Analysis
- **NUR 522**: Designing Systems for Patient Safety and Healthcare Quality
- **NUR 523**: Interprofessional Collaboration for Improving Patient Safety and Healthcare Quality Outcomes
- **NUR 529**: Role-Focused Practicum: Patient Safety and Healthcare Quality (135 Teaching Practicum Hours)

**Program Graduate Outcomes:**

- Apply safety and quality principles incorporating methods, tools, performance measures and standards.
- Design systems for patient safety, risk reduction, quality measurement and performance improvement.
- Synthesize innovation principles and best available evidence to develop interventions for implementation.
- Prepared to serve as: Patient Safety Quality Coordinator, Quality Improvement Nurse, Patient Experience Director, Patient Safety Officer, Quality Nurse Consultant and more.

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**Care Coordination**

The Care Coordination concentration provides registered nurses with advanced preparation to translate and apply effective patient-centered care coordination services that improve health outcomes, enhance health care quality and reduce health care costs.

This program supports preparation for national certification in Nursing Case Management through the certifying body, American Nurses Credentialing Center, as well as other Case Management Certification options through the professional membership association, Case Management Society of America.

**Program Specific Courses:**

- **NUR 510**: Foundations of Care Coordination Practice
- **NUR 511**: Concepts of Care Coordination and the Nurse’s Role
- **NUR 512**: Improving Quality and Safety Outcomes through Effective Care Coordination
- **NUR 513**: Interprofessional Collaborative Practice and Transforming Health Care Policy
- **NUR 519**: Role-Focused Practicum: Care Coordination (135 Teaching Practicum Hours)

**Program Graduate Outcomes:**

- Analyze and improve safety, costs, quality and access to care across diverse populations through patient-centered care coordination.
- Lead interprofessional care coordination at the unit, organizational or systems levels.
- Apply innovative principles and best available evidence to develop and analyze care coordination and case management models.
- Prepare to serve as: Director of Care Coordination, Care Coordination Specialist, Director of Case Management, Care Management Team Leader and more.

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