Health Care Simulation, MS

Simulation in health care education improves competencies in communication, teamwork, critical thinking, professional identity and safety. The simulated learning environment provides a psychologically safe space where you can make mistakes without risk to real patients.

Program Description

Degree Awarded: MS Health Care Simulation

The expanding use of simulation education in health care demonstrates the need and the opportunities to educate innovative leaders in experiential learning strategies. Simulation provides an effective learner-centered methodology for health care professionals to practice across the continuum of care.

Incorporating deliberate practice for skill mastery, students develop effective critical-thinking, refinement of interprofessional competencies and ethical and compassionate behaviors. In the MS program in health care simulation, students demonstrate the ability to influence the design, operations and evaluation of educational health care simulation in academic or practice settings. Students have learning opportunities to develop evidence-based scenario design, use technology-enhanced environments replicating real patient experiences with life-like high fidelity computer manikins or standardized patients (trained actors), and employ operations techniques. This program provides students the opportunity to learn and work with their peers and with faculty and leaders from multiple disciplines such as health care, sociology, technology, the arts and public policy

At a Glance

- College/School: [Edson College of Nursing and Health Innovation](#)
- Location: [Downtown Phoenix campus](#)

Degree Requirements
**Required Core (18 credit hours)**
- HCI 540 Understanding and Applying Principles of Evidence-based Practice (3)
- HCS 501 Foundations in Health Care Simulation (3)
- HCS 502 Health Care Simulation Educational Assessment and Debriefing Methods (3)
- HCS 503 Principles of Operations Management in Health Care (3)
- NUR 522 Designing Systems for Patient Safety and Health Care Quality (3)
- NUR 671 Teaching in Academic and Practice Settings (3)

**Other Requirements (15 credit hours)**
- BMI 601 Fundamentals of Health Informatics (3)
- HCI 543 Approaches to Health Care Innovation (3)
- HCS 580 Practicum: Operational or Educational Perspective (3)
- NUR 523 Interprofessional Collaboration for Improving Patient Safety & Health Care Quality Outcomes (3)
- NUR 670 Curriculum Development in Academic and Practice Settings (3)

**Culminating Experience (4 credit hours)**
- HCS 593 Applied Project (4)

**Additional Curriculum Information**
Other requirements coursework may be substituted with approval of the academic unit.

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**Admission Requirements**

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in health care or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

1. graduate admission application and application fee
2. official transcripts
3. three letters of recommendation
4. professional resume
5. written statement
6. proof of English proficiency

Additional Application Information
An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Contact Information
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