

Health Care Simulation, MS

NUHCSMS

Discover the skills you'll need to harness the power of simulation in both health care education and practical settings. Enroll in our dynamic graduate program and learn to pioneer simulation-enhanced decision-making processes and innovative learning strategies.

Program description

Degree awarded: MS Health Care Simulation

In the MS program in health care simulation, students acquire the skills to shape the design, operations and evaluation of educational health care simulations in academic or practice settings.

Students develop evidence-based scenario design, use technology-enhanced environments that replicate real patient experiences with lifelike high-fidelity computer manikins or simulated participants, and employ operations techniques. Through learning and working with their peers, faculty and leaders from multiple disciplines such as health care, sociology, technology, the arts and public policy, students gain experience in creating transdisciplinary solutions.

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

At a glance

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

Degree requirements

30 credit hours including the required applied project course (HCS 593)

Required Core (3 credit hours)

HCS 501 Foundations in Health Care Simulation (3)

Other Requirements (18 credit hours)

HCI 540 Understanding and Applying Principles of Evidence-based Practice (3)

HCS 502 Health Care Simulation Educational Assessment and Debriefing Methods (3)

HCS 503 Principles of Operations Management in Health Care (3)

NUR 521 Health Care Evidence, Informatics and Analysis (3)

NUR 548 Patient Safety, Health Care Quality and Informatics (3)

NUR 671 Teaching in Academic and Practice Settings (3)

Restricted Electives (6 credit hours)

BMI 601 Fundamentals of Health Informatics (3)

HCI 538 Innovation and the Individual (3)

HCI 544 Information Technology (IT) for Health Care Innovation (3)

NUR 670 Curriculum Development in Academic and Practice Settings (3)

Culminating Experience (3 credit hours)

HCS 593 Applied Project (3)

Additional Curriculum Information

Coursework for other requirements or restricted electives may be substituted with approval of the academic unit.

For restricted electives, students choose two courses from the above list, for a total of six credit hours.

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 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 must provide [proof of English proficiency](#) regardless of their current residency.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about [ASU tuition and financial aid](#) options to find out which will work best for them.

Attend online

ASU Online

ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may [view the program's ASU Online page](#) for program descriptions and to request more information.

Career opportunities

Professionals with expertise in health care simulation are qualified to work in either academic or clinical simulation environments. Career examples include:

- director or assistant director of a simulation center
- education technician simulation specialist
- operations specialist
- simulation education specialist
- simulation manager
- simulation nurse

Contact information

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