Science of Health Care Delivery, MS

NHSHCDMS

ASU is not currently accepting applications for this program at the Downtown Phoenix campus. Interested students are encouraged to apply to the online modality.

Take advantage of a unique opportunity to learn from an interdisciplinary team of nationally recognized leaders in health care delivery administration, research, health equity, bioethics, policy, economics and population health. This innovative program is ideal for future and current health care professionals as well as health system administrators and managers.

Program Description

Degree Awarded: MS Science of Health Care Delivery
The MS program in science of health care delivery focuses on the study and design of systems, processes, leadership and management approaches used to optimize health care delivery and health outcomes for all. This degree program is for individuals interested in a career in the health care industry, particularly leadership, management and administration. It provides students with the knowledge and competencies to become health care systems thinkers and the critical skills needed for contributing to a patient-centered, high-value, team-based and cost-effective health care system.

The curriculum is centered on achieving high-value care through leadership, population health, informatics, systems engineering, health care management, health economics, equity, bioethics and policy. Students can also learn performance improvement skills, including Lean Six Sigma principles, and apply them to health care delivery issues. Students can then focus their studies in one of three areas: health systems administration and management; health care quality and safety; or health policy, equity and ethics.

The program challenges students to work on innovative solutions to improve the U.S. health care system by simultaneously improving the health of populations, enhancing the patient experience and reducing per capita cost of care. Students apply concepts through case studies and team-based projects to facilitate integration of knowledge and competencies. Participating students work in a cohort through the program and are able to complete the degree in nine months (one academic year). Students are also paired with
leading health care delivery organizations and leaders to complete an applied capstone project during the program.

At a Glance

- **College/School:** [College of Health Solutions](#)
- **Location:** [Downtown Phoenix](#) or [Online](#)

**Degree Requirements**

30 credit hours including the required capstone course (HCD 550)

**Required Core (18 credit hours)**  
HCD 501 Biostatistics and Data Management (3)  
HCD 502 Health Care Systems and Design (3)  
HCD 511 Health Economics, Policy, and Payment Models (3)  
HCD 520 Population Health (3)  
HCD 532 Health Care Management and Finance (3)  
HCD 602 Health Informatics for Health Care Professionals (3)

**Focus Area Courses (9 credit hours)**

**Research (2 credit hours)**  
HCD 592 Research: Part One (1)  
HCD 592 Research: Part Two (1)

**Culminating Experience (1 credit hour)**  
HCD 550 Capstone (1)

**Additional Curriculum Information**  
Students are encouraged to choose one of three focus areas: health systems administration and management, health care quality and safety, or health policy, equity and ethics. Students should contact the academic unit regarding course selection for the focus area.

The research requirement is taken in preparation for the capstone course. Students complete HCD 592 for one credit hour twice in consecutive terms prior to HCD 550.

**Admission Requirements**
Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as biology, chemistry, biochemistry, nursing, public health, pharmacy, biomedical informatics, social work, premed, prehealth, nutrition, health promotion or others.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit 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.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. three letters of reference
4. personal statement
5. 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.

Three letters of reference from either academic or professional sources are required; reference letters from friends or relatives are not accepted. Letters demonstrating involvement in health care, community service or leadership are encouraged.

A personal statement must be submitted that explains how the applicant plans to contribute to the health care system after the degree is obtained, how the program will help the applicant achieve the applicant's goals, what the applicant's career aspirations are, and what interested the applicant in this degree program.

**Tuition Information**

When it comes to paying for college, 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.
Application Deadlines

Fall
Spring
Summer

Career Opportunities

Professionals with knowledge about innovations and improvements for health care delivery are in demand across the health care industry. The flexible program is also ideal for gap-year students who are pursuing entrance to medical and professional school prior to intended careers in health and health care.

Career examples for program graduates include:

- health care providers
- hospital administrators
- policy experts
- program managers

Professional Licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure webpage.

Contact Information

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