Science of Health Care Delivery, MS

NHSHCDMS

Take advantage of a unique opportunity to learn from an interdisciplinary team of nationally recognized leaders in health care delivery research, policy, economics and population health. This innovative program is ideal for future health care providers, program managers, hospital administrators and policy experts.

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 for all. This degree program is for individuals interested in a career in the health care industry. It provides students with the knowledge and competencies they will need for contributing in a patient-centered, safe 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, and health economics and policy. Students learn Lean Six Sigma principles and apply them to health care delivery issues.

The program challenges students to work on innovative solutions to improve the U.S. health care system by simultaneously improving the health of the population, 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 paired with leading health care delivery organizations to complete an applied capstone project during the program.

At a Glance

- College/School: College of Health Solutions
Degree Requirements

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

Required Core (24 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 570 Process Engineering (3)
HCD 575 Leadership and Professionalism (3)
HCD 602 Health Informatics for Future Health Care Professionals (3)

Electives (3 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
Elective coursework must be HCD 500 level courses.

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 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.

A phone or video conference interview with the admissions committee may be required.

Attend Online

ASU Online

ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here.

Application Deadlines

Fall
Spring expand
Summer expand

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

Contact Information

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