

Health Informatics, MAS

GCHLHINMAS

Further your career with a flexible online graduate program, and learn to effectively use information technology, knowledge representation and data analytics to impact health and health care outcomes.

Program description

Degree awarded: MAS Health Informatics

The MAS in health informatics is a flexible program designed to meet the needs of working professionals, and options are available for students to continue their education on their own time.

Core courses provide a foundation in health informatics principles, health communication, health care data and databases, and healthcare leadership. Electives allow students flexibility to specialize in various areas in health informatics, such as clinical informatics and population health informatics. Other program areas include clinical workflow, telehealth and telemedicine, and human-computer interactions in health care. Course topics include:

- bioethical issues in applied biomedicine
- clinical decision support and evidence-based medicine
- health economics and policy
- telemedicine
- workflow analysis and redesign in health systems engineering

At a glance

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

Degree requirements

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

Required Core (15 credit hours)

BMI 601 Fundamentals of Health Informatics (3)

BMI 603 Health Informatics Database Modeling and Applications (3)

BMI 604 Health Information Communication (3)

BMI 614 Current Perspectives in Health Informatics (3)

HCD 575 Health Care Transformation and Leadership (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)

BMI 593 Applied Project (3)

Admission requirements

Applicants must fulfill the requirements of 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 in a related field, such as biology, computer science, medicine, nursing, pharmacy or public health, 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.

All applicants are required to submit:

1. graduate admission application and application fee
2. official transcripts
3. resume or curriculum vitae
4. two references (academic or professional)
5. statement of purpose
6. proof of English proficiency

Additional Admission Requirements

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency. TOEFL iBT or IELTS scores must be from tests taken no more than two years before the applicant's anticipated start date at ASU.

The statement of purpose should be a maximum of 500 words and describe the applicant's interest in the program, what they hope to learn and accomplish, and their career goals.

Contact information for two references is required. References will be contacted via email to submit a letter of recommendation. References must be current or former professors or supervisors of a relevant position held by the applicant.

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.

Application deadlines

Fall

Spring [expand](#)

[expand](#)

Career opportunities

Graduates are prepared with skills for careers in a wide range of health care settings. Professionals from fields outside health and health care can also develop the skills needed to transition into careers in this rapidly expanding field.

Career opportunities include these positions:

- chief health informatics officer (medical doctorate may be required)
- clinical application developer
- clinical informatics manager
- director of clinical informatics (health informatics)
- director of health information management or health IT
- electronic health record application specialist
- health care informatics consultant or manager
- health care IT project manager
- health care or clinical informatics data analyst
- health data resource manager or clinical data manager
- health informatics director

Contact information

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