

Health Services Administration

The Department of Health Services Administration includes degree programs at baccalaureate, masters, and doctoral levels, as well as undergraduate minors and a variety of professional education opportunities for health services executives and clinicians. Some programs in the department are the only one of their kind in the state, or first of their kind in the nation. The MSHA Program is ranked #1 in the nation. Degree programs currently available include:

- Administration - Health Services, PhD
 - Health Services Research, MS
 - Applications of Mixed Methods Research, Graduate Certificate
- Health Administration, MSHA
 - Tracks: Residential, Executive, International
 - Healthcare Leadership, Graduate Certificate
- Health Informatics, MSHI
 - Tracks: Data Analytics, User Experience, Artificial Intelligence, Research
 - Clinical Informatics, Graduate Certificate
- Healthcare Leadership, DSc
- Healthcare Quality and Safety, MS and Graduate Certificate
- Healthcare Simulation, MS and Graduate Certificate
- Health Care Management, BS
 - Tracks: Clinical Manager, General Manager
 - Minors: Health Care Management, Health Information Management

Applications of Mixed Methods Research Graduate Certificate

The Graduate Certificate in Applications of Mixed Methods Research is an interdisciplinary certificate program that provides researchers with applied knowledge and skills to plan, design, conduct, evaluate, and report mixed methods research in the context of the research topic of interest.

Credentials Conferred

The Graduate Certificate in Applications of Mixed Methods Research is awarded by the University of Alabama at Birmingham.

Length of Study

The certificate requires 5 courses (15 credit hours), which can be completed in 3 or more semesters.

Program Entrance Date

Fall, Spring, and Summer semesters

Requirements for Admission

Students holding a master's or other post-bachelor's degree and meeting qualifications for admission to the UAB Graduate School.

Certificate

On completion of the required coursework, the student will be awarded a Graduate Certificate in Applications of Mixed Methods Research by the University of Alabama at Birmingham and the student's name will appear in the commencement bulletin. A transcript of the coursework taken for the certificate will be available.

The curriculum for the certificate is offered online as web-based distance education with select real-time Zoom sessions. The four required mixed methods courses are designed as independent courses and can be taken in any sequence. Each course has a different focus and objectives, and each course covers different aspects and practices of mixed methods research that can be successfully mastered within a separate course. One elective qualitative research course can be selected from the list of recommended courses based on the student's proficiency in qualitative research methods.

APPLICATIONS OF MIXED METHODS RESEARCH CURRICULUM

Requirements	Hours
Required Coursework 12 Hours	
NRM 777 Mixed Methods Research I: Introduction to the Field	3
NRM 778 Mixed Methods Research II: Designing and Conducting a Mixed Methods Study	3
AH 779 Mixed Methods Applications in Action and Community-Based Participatory Research	3
AH 783 Writing Effective Mixed Methods Grant Proposals	3
Elective Coursework 3 hours (Select 1 Course)	3
NRM 783 Foundations of Qualitative Research	
HPO 628 Qualitative and Mixed Methods Research in Public Health or HPO 7 Qualitative and Mixed Methods Research in Public Health	
AH 785 Qualitative Research: Analysis and Interpretation	
Total Hours	15

CONTACT INFORMATION

For detailed information, contact the office for the Graduate Certificate in Applications of Mixed Methods Research:

UAB School of Health Professions Building

1716 9th Avenue South

Birmingham, AL 35294-1212

Telephone: 205-934-3113

Fax: 205-975-6608

E-mail: mmrgradcert@uab.edu

Web: [Applications of Mixed Methods Research](#)

Clinical Informatics Graduate Certificate

The Graduate Certificate in Clinical Informatics is an online, self-paced certificate program. All courses will apply toward the Master of Science in Health Informatics degree.

Credentials Conferred

The Graduate Certificate in Clinical Informatics is awarded by the University of Alabama at Birmingham.

Length of Study

The certificate requires 4 courses (15 credit hours), which can be completed in 2 semesters.

Program Entrance Date

Fall Semester

Requirements for Admission

Students holding a master's or other post-bachelor's degree and meeting qualifications for admission to the UAB Graduate School.

Certificate

On completion of the required coursework, the student will be awarded a Graduate Certificate in Clinical Informatics by the University of Alabama at Birmingham and the student's name will appear in the commencement bulletin. A transcript of the coursework taken for the certificate will be available.

The curriculum for the certificate is offered online only as a self-paced curriculum. The four certificate courses can be completed in two semesters and are only offered during the fall and spring semesters.

CLINICAL INFORMATICS CURRICULUM

Requirements	Hours
HI 611 Introduction to Health Informatics and Healthcare Delivery	4
HI 613 Analysis and Design of Health Information Systems	4
HI 614 Clinical and Administrative Systems	3
HI 617 Principles in Health Informatics	4
Total Hours	15

CONTACT INFORMATION

For detailed information, contact the office for the Graduate Certificate in Clinical Informatics:

UAB School of Health Professions Building

1716 9th Avenue South, SHPB 590F

Birmingham, AL 35294-1212

Telephone: 205-996-2215

E-mail: mshi@uab.edu (mmrgradcert@uab.edu)

Healthcare Leadership Graduate Certificate

The Graduate Certificate in Healthcare Leadership program provides individuals with applied knowledge and skills to improve their leadership abilities within a healthcare setting.

Credentials Conferred

The Graduate Certificate in Healthcare Leadership is awarded by the University of Alabama at Birmingham.

Length of Study

The certificate requires 5 courses, which can be completed in 3 semesters.

Program Entrance Date

Fall, Spring, and Summer semesters

Requirements for Admission

Admission requirements include eligibility for admission to the UAB Graduate School. Applicants must have a bachelor's degree (or higher) from an accredited college or university or a recognized university abroad, with a minimum GPA of 3.0 in coursework and a minimum of three years of healthcare industry experience or five years of general industry experience. Additional requirements include submitting a personal statement regarding interest in the certificate program and three letters of recommendation.

Certificate

The University of Alabama at Birmingham will award the student a Graduate Certificate in Healthcare Leadership upon successful completion of the required coursework. The student's name will appear in the commencement bulletin, and a transcript of the coursework taken for the certificate will be available.

The certificate curriculum is offered online as web-based distance education. The five courses are structured to be independent, allowing them to be taken in any order. Each course has a different focus and objectives and covers various aspects of leadership and management.

Requirements	Hours
Required Coursework 16 Hours	
HA 606 Operations Management & Process Improvement in Health Care Organizations	4
HA 610 Health Systems and Policy for Leaders	4
HCS 660 Financial Management for Healthcare Quality Leaders	3
HI 624 Leadership Theory and Development	2
HQS 630 Leadership of High Reliability Healthcare Organizations	3
Total Hours	16

CONTACT INFORMATION

For detailed information, contact the office for the Graduate Certificate in Healthcare Leadership:

UAB School of Health Professions Building, SHPB 590F

Physical Address: 1716 9th Avenue South, Birmingham, AL 35294-1212

Mailing Address: 1720 2nd Avenue South, Birmingham, AL 35294

Telephone: 205-996-2215

E-mail: nborkows@uab.edu

Web: <http://www.uab.edu/shp/hsa/>

Healthcare Simulation Graduate Certificate

The Graduate Certificate in Healthcare Simulation meets the growing demand of healthcare simulation educators and leaders. Graduates will be able to design and implement simulations aimed at improving teamwork, communication, and clinical skills according to evidence-based practices.

Our program is delivered online with one on-campus visit in the fall semester. It is comprised of 15 credits, completed over three consecutive semesters.

Credentials Conferred

The Graduate Certificate in Healthcare Simulation is awarded by the University of Alabama at Birmingham.

Length of Study

The certificate requires 15 credits, which can be completed in 3 semesters.

Program Entrance Date

Fall semester -- deadline for all application materials to be in the Graduate School Office: August 1, after August 1 applications will be considered on a space available basis.

TYPICAL HEALTHCARE SIMULATION CURRICULUM

Requirements		Hours
HCS 575	Introduction to Healthcare Simulation for Quality and Safety	3
HCS 625	Simulation Methodology	3
HCS 626	Healthcare Simulation Laboratory	1
HCS 610	Instructional Design in Simulation	2
HCS 630	Research in Simulation	1
HCS 620	Current Trends in Simulation	2
HCS 635	Advanced Debriefing	3
Total Hours		15

Healthcare Quality and Safety Graduate Certificate

The Graduate Certificate in Healthcare Quality and Safety provides participants with tangible skills to reduce patient harm and increase organizational quality. Working professionals apply the knowledge they learn in real time to their unit, department, clinic, hospital, long-term care facility, outpatient care center, or physician office. Through a collaborative environment, learners discover improvement science and quality principles. The certificate prepares individuals to implement quality- and safety- based initiatives in their home institutions, utilizing the concepts of high-reliability leadership, data system design, process management, and hazard analysis.

Credentials Conferred

The Graduate Certificate in Healthcare Quality and Safety is awarded by the University of Alabama at Birmingham.

Length of Study

The certificate requires 4 courses (15 credit hours), which is offered in two formats: blended and online.

Program Entrance Date

Fall and Spring Semester (Blended) and Fall Semester (Online)

Requirements for Admission

Students holding a master's or bachelor's degree and meeting qualifications for admission to the UAB Graduate School.

HEALTHCARE QUALITY AND SAFETY CERTIFICATE CURRICULUM

Requirements		Hours
HQS 600	Introduction to Clinical Quality Improvement	4
HQS 610	Quantitative Methods, Measurement, and Tools for Quality Improvement	4
HQS 625	Fundamentals of Patient Safety	4
HQS 630	Leadership of High Reliability Healthcare Organizations	3
Total Hours		15