

Master in Public Health

program guide



A.T. STILL UNIVERSITY
COLLEGE OF GRADUATE HEALTH STUDIES

ATSU

ATSU Mission Statement

A.T. Still University of Health Sciences serves as a learning-centered university dedicated to preparing highly competent professionals through innovative academic programs with a commitment to continue its osteopathic heritage and focus on whole person healthcare, scholarship, community health, interprofessional education, diversity, and underserved populations

College of Graduate Health Studies Mission

The ATSU-College of Graduate Health Studies program's learner-centered model prepares primarily entry and mid-level healthcare leaders seeking to advance their education and careers in health administration. Our graduates are prepared to become highly competent administrators who adhere to the osteopathic traditions of whole person healthcare, which is consistent with the overall university mission.

College of Graduate Health Studies Vision

The ATSU Health Administration program will be a renowned learner-centered program where faculty, students, and administration work together to make a meaningful difference in healthcare and positively affect the lives of all the people we serve.

College of Graduate Health Studies Values

Leadership: We value a commitment to leadership through modeling and mentoring strong leadership skills for our students, faculty, and staff through the commitment to ethics, respect, vision, and lifelong learning.

Ethics: We value the highest ethical principles of integrity and honesty in all of our interactions.

Respect: We value diversity and difference of opinions by modeling compassionate and respectful behavior.

Vision: We value critical thinking and the generation of ideas through innovation and analysis.

Lifelong learning: We cultivate lifelong learning by demonstrating the value of acquiring knowledge, skills and abilities, and seeking continuous professional development.

Department of Public Health Mission

The mission of the MPH department is to prepare public health professionals for leadership to advance public health, promote individual and community health and well-being, and to serve under-served populations to decrease health disparities locally, nationally, and globally.

Department of Public Health Vision

The department will be the preeminent academic preparation for public health professionals. We will provide a contemporary and flexible curriculum that empowers our students to translate knowledge to meet the growing needs of domestic and global health and wellness.

Department of Public Health Values

Leadership: We value leadership development for our students, faculty, and staff and encourage participation in community and professional service.

Integrity: We value the highest ethical principles of fairness and honesty in all of our interactions.

Scholarship: We value critical thinking and the generation of ideas through innovation and analysis.

Diversity: We value differences among people and their personal and professional perspectives.

Interprofessional education: We value the combined contributions of our educational community and work to achieve an environment of teamwork and collaboration.

Innovation: We value the development of progressive and efficient mechanisms for learning, teaching, and technological delivery.

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From the Chair



Welcome to the ATSU College of Graduate Health Studies MPH Program. As you progress through our multi-disciplinary, competency-based curriculum, you will gain the skills and knowledge necessary to be a leader in public health. Our competency based MPH program includes practical application of content, training, and assessment that closely align to high professional standards fostering critical analysis. Every MPH full-time faculty has a doctorate degree and is an expert in their respective field; each has extensive public health practice in and expertise educating adult learners online. Our faculty create a supportive and collaborative environment for our diverse student body. The flexible online MPH program allows you to balance personal, professional, and academic responsibilities while working toward your degree. ATSU has a 120 year history as an esteemed university. Come let our history shape your future!

Mary-Katherine Smith, DrPH, MPH, MCHES, CPH, COI
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A.T. Still University

Established in 1892 by the founder of osteopathy, A.T. Still, MD, DO, ATSU began as the nation's first college of osteopathic medicine and has evolved into a leading university of health sciences. Today, ATSU is comprised of six schools: Kirksville College of Osteopathic Medicine, School of Osteopathic Medicine in Arizona, Arizona School of Health Sciences, Arizona School of Dentistry & Oral Health, College of Graduate Health Studies, and Missouri School of Dentistry & Oral Health.

ATSU offers more than 20 master's degrees across allied healthcare disciplines; doctorates in health administration, health education, physical therapy, health sciences, and audiology; the doctor of dental medicine (DMD); and the doctor of osteopathy (DO).

College of Graduate Health Studies

The College of Graduate Health Studies (CGHS) offers master's degrees in health administration, kinesiology and public health; and doctoral degrees in health administration, health education, and health science. CGHS educates and prepares current and future professionals for management positions in a variety of healthcare settings via comprehensive online programs.

Requirements for Admission

1. Bachelor's degree or higher from an accredited university. Applicants who graduated from a university outside the United States must provide a degree equivalency evaluation.
2. Completed admissions application.
3. Official transcript from degree-granting institution. For students using VA benefits transcripts for all institutions attended are required.
4. Non-refundable application fee submitted with application.
5. Minimum Cumulative Grade Point Average (CGPA) of 3.0 (4.0 scale) at the qualifying degree institution. *Candidates with a GPA below 3.0 may apply by completing an additional essay during the application process to explain factors that precipitated a student's low GPA and how and why a student will be successful in a program.* Students who did not attend an institution where a GPA system was used are required to petition the program chair.
6. A current resume.
7. Completion of essay and two professional references.
8. Test of English as a Foreign Language (TOEFL) for applicants when English is not their first language. The Computer Based Test (CBT), Internet Based Test (iBT), or the Paper Based Test (PBT) are accepted. Students who have graduated from a regionally accredited four year university or college in the United States are exempt from this requirement.

The following are the minimum required score based on test type:

- CBT - minimum total score of 213
Min. 22/Reading Skills section | Min. 26/Writing Skills section
 - iBT - minimum total score of 80
Min. 22/Reading Skills section | Min. 24/Writing Skills section
 - PBT - minimum total score of 550
Min. 57/Reading Skills section | Min. 61/Writing Skills section
9. Applicants are selected by an admission committee.
 10. Completion of background check, using a vendor selected by ATSU. CGHS requires criminal background checks on degree seeking students to ensure the safety of patients and employees. The checks are conducted by an ATSU selected vendor. The student will pay the cost of the criminal background check

directly to the vendor. Failure to comply with this mandate will result in denial to matriculate. Applicants who fail to disclose anything on their application that is returned on their background check report will have that finding reviewed by an University Official.

In the event the required background check with the ATSU vendor occurred within the last 12 months, another background check is not required. Students currently enrolled in another ATSU program and matriculating into a CGHS program are not required to complete a background check.

11. Technology requirements as outlined at: <https://sites.google.com/a/atsu.edu/its/student-resources/student-technology-requirements>

Curriculum

CGHS' online master's degree in public health prepares students for leadership in the field of public health. This 64-credit-hour, 15-course program meets the needs of busy professionals, allowing them to choose electives best fitting their interests. This program integrates web-based instruction, directed readings, email, and chat room interactions among students and faculty. The College uses mission-driven, context-based curriculum design and assesses student learning through authentic assessments. It includes a culminating supervised practicum project in a public health setting emphasizing evaluation and service delivery planning or operations, resolving a management problem, or evaluating a program component.

Application Information

Applications are available online at www.atsu.edu/master-of-public-health-degree, or you may contact an online enrollment counselor at 877.469.2878 or onlineinquiries@atsu.edu.

Tuition and Expenses

Tuition.....	\$478 per credit hour*
Technology and Resource.....	\$150 per quarter*
Application fee.....	\$70, non-refundable* (not covered by financial aid)

CGHS tuition rates are competitive. Tuition is to be paid using the appropriate payment option (or all financial aid award letter steps completed for the appropriate term) 14 calendar days prior to the first day of class. Students are responsible for the purchase of their Internet service, , computer hardware, and software. Contact your admissions representative at 877.626.5577 or onlineinquiry@atsu.edu for more information

*All fees are subject to change.

Financial Assistance

Federal Financial Aid is available to students who qualify. Scholarship and financial assistance opportunities are listed on the CGHS web page at www.atsu.edu/master-of-public-health-degree. Veterans Administration(VA) benefits may also be used.

Accreditation

A.T. Still University is accredited by the Higher Learning Commission, 230 S. LaSalle St.; Ste. 7-500; Chicago, IL 60604, phone: 800.621.7440.

Master of Public Health Curriculum

Online Learning

Course Descriptions

Course descriptions, course durations, and related information are subject to change. All courses are four credit hours unless otherwise stated. Courses are presented in order of a typical student's Academic Degree Plan.

Introduction to Public Health Concepts: This course is a comprehensive introduction to public health within the context of the U.S. healthcare system. Contents include the concept of public health, its problems in the context of social and community factors, its development from a historical perspective, the role and mission of public health organizations, and an overview of current public health concepts, models, and policy.

Biostatistics: Biostatistics is the study and development of statistical, mathematical, and computational methods applied to biological, health, and human sciences. Biostatisticians play a key role in the design, conduct, and analysis of research studies in areas of health and disease, and create and apply methods for quantitative research in health-related fields. Topics covered include data description, probability, distribution of random variables, applications of the binomial and normal distributions, estimation and confidence intervals, hypothesis testing, contingency tables, regression, and analysis of variance. Additional topics include an introduction to statistical computing and data management, non-parametric statistical methods, and demographic measures. Students need to use a statistical program (Microsoft Excel® or other program) to assist with computations.

Epidemiology: This course examines the study of disease in populations from a public health perspective. Topics include research methods, study designs, sampling, data analysis, interpretation of data, and application of findings for public health policy.

Public Health Policy and Politics: This course discusses the structure of the political process in health policy making. It covers the political roles of selected health professionals and the legislative, executive, and judicial branches of government in health policy. This course provides practical mechanisms to intervene on behalf of programs or institutions.

Fundamentals of Research in Public Health: In this applied research course, students will develop and enhance their skills related to research topic search strategies, problem statements, literature reviews, and research proposal preparation. Students will apply basic principles of epidemiology and biostatistics to draft a research proposal and develop sustainable research skills.

Public Health Systems Policy and Management: This is a survey course providing an overview of the policy process as applied to health. Similarly, it provides introductory content dealing with how public health and other health organizations are organized and managed.

Community Health Informatics: The course will introduce students to the field of health informatics and its application to public health. Students will learn fundamental principles of computer science and computer information technology. They will apply these principles to understanding proper use of healthcare data and its inherent pitfalls concerning privacy, security, ethics, and data interoperability. The course will also provide an overview of the use of networking technology in the collection and distribution of health information, with emphasis on electronic and personal health records. Focus will be given to clinical application of informatics tools in evidence-based medicine, epidemiology, bioinformatics, imaging, and research. Students will also utilize

publicly available information systems, such as national vital statistics, pertaining to morbidity data and environmental public health.

Environmental Health Sciences: This course provides an introduction to ecology and ecological principles and how human population pressures affect them. Man's impact on biotic and abiotic components of the earth is examined as well as environmental factors affecting public health. Particular emphasis is placed on the impact of anthropogenic, chemical, and physical stressors and their impact on various ecosystem components and man.

Public Health Practicum: This course requires completion of a project in an approved supervised public health setting emphasizing evaluation and service delivery, planning, or operations resolving a management problem or evaluating a program component. This eight-quarter credit hour practicum requires 240 contact hours in a supervised public health environment. *(8 credit hours, pass/fail)*

Community-Based Programs – Development: This course looks at various community-based programs and how best to develop, implement, and evaluate these programs as well as financing these programs.

Identifying Community Health Needs: Needs and capacity assessment strategies are designed for people planning to practice within the fields of public health, health promotion, or health education. Students take an in-depth look at individual, group, and self-directed assessment strategies. This course gives students an opportunity to practice learned skills, decipher what assessments are best for a given situation, and learn how to implement their new skills within their professional environments.

Leading Healthcare Organizations: This course focuses on healthcare administration, including the management process, descriptions of the managerial functions, managerial roles, motivation, and communication. In addition, this course will provide students with an understanding of leadership and ethics in healthcare administration in the context of the U.S. healthcare system. Codes of professional conduct and ethical policy statements will be reviewed from the American College of Healthcare Executives.

Behavioral Sciences and Health Education Concepts: Social and epidemiological basis of health education overviews are provided. Tools are developed for assessment of community, institutional, and individual educational needs. Planning, implementation, and evaluation of health education programs designed to develop and reinforce positive health promotion and prevention practices are explored.

Program Electives

A.T. Still University's College of Graduate Health Studies requires students to complete their program of study by selecting two elective courses that are of interest to them or meet their career needs. All electives are four credit hours.

Community Based Healthcare: The development and maintenance of a community-based healthcare model are the focus of this course. Administering programs to sustain and promote a state of healthy well-being in the community and activate community resources are discussed as well as the impact of emerging models of community based healthcare programs.

Community Health and Social Media: In this course, students will learn about the history and use of multiple types of social media in community health at the local, state, and federal levels. The ethics of using social media,

current accepted standards, and best practices in using social media in a community health setting will be covered. Students will practice using multiple forms of social media and create a community health social media campaign.

Cultural Change in Geriatrics: Cultural changes have affected the perceptions of aging and its impact on intergenerational relationships. This course examines the impact those cultural changes may have on the future direction of the healthcare industry.

Death and Dying, Life and Living: Learners review death, dying, and bereavement. During the exploration of these topics, this course also covers the developmental perspective, legal and moral issues, and current events.

Global Health Issues: Global healthcare is an emerging priority for organizations and governments worldwide because of the impact on international economic stability. Technology, research, and the advancement of healthcare interventions have produced improvements in health outcomes for many. Unfortunately, these advancements have also led to inequalities in health status within and between countries. The world is faced with new challenges such as the potential for pandemics, an aging population, a diminishing healthcare workforce, and the stresses of determining resource allocation. This course explores the many facets of global health to expose the student to the complexity of the concepts that impact healthcare in developing and developed countries.

Health Services in the US: This course provides a comprehensive overview of the U.S. healthcare system. Healthcare terminology, concepts, critical issues, and a description of existing delivery systems are presented. The organization, delivery, financing, payment, and staffing of the U.S. healthcare system are discussed, along with issues related to competition, regulation, technology, access, quality, primary care, long-term care, mental health, and ethics.

Managing Human Resources: The focus of this course is the hiring, supervision, motivation, evaluation, and overall management of staff members in healthcare organizations. Students also are introduced to the various ways people behave in healthcare organizations. Emphasis is placed on understanding how healthcare managers can foster creative problem solving, collaboration, conflict resolution, empowerment, and teamwork, while maintaining a fair and productive working environment.

Public Health Finance and Policy: This course is an application of policy analysis to the financing of public health in the United States. It examines healthcare from a public policy perspective to understand the underlying social and economic issues that frame the political finance debates.

Administration



Don Altman, DDS, DHSc , MPH, MBA, MA
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Don Altman, DDS, DHSc, MPH, MBA, MA holds a dental degree as well as master's degrees in public health, business administration, and bioethics. He also has a doctorate in Health Sciences. He is a diplomat of the American Board of Dental Public Health and has worked in the dental public health field for more than 31 years.

Dr. Altman has taught dentists and dental hygienists in the classroom for many years and has been teaching online since 2006. He has taken a general MPH curriculum and developed a program for individuals interested in dental public health. Dr. Altman is the Dean of the College of Graduate Health Studies, and is also a professor and Director of Public Health and Research at ATSU's Arizona School of Dentistry & Oral Health. Prior to his role as Dean, Dr. Altman served as Chair, Department of Public Health and program chair for the dental MPH program.

He previously worked for local and state governments as well as private industry. His areas of interest include professionalism and ethics, community-based dental programs, leadership for the dental professional, and quality assurance.



Katherine M. Adler, DHA, FACHE
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Katherine Adler, DHA, FACHE, is the Associate Dean for Assessment and Student Success at the College of Graduate Health Studies. She began teaching for the college in 2006, became the program chair for Health Administration in 2009, program chair for Public Health in 2010, and became Associate Dean in 2012.

Doctor Adler holds a Doctorate in Healthcare Administration and Leadership from the Medical University of South Carolina. She has over 25 years of varied experience in the not-for-profit health care industry, spending the bulk of her career working at safety-net hospitals in urban Detroit.

During her tenure in administrative roles, Dr. Adler worked closely with physicians in medicine and surgery, having direct oversight over those departments and subspecialties, and gained extensive knowledge in public health, epidemiology, social and behavioral sciences and environmental health sciences. Through her formal training and work, Dr. Adler has a strong background in health services administration as well as public health. She is a patient advocate, understands the plight of the underserved and underinsured and has worked to incorporate patient centered care into the curriculum with the understanding that prevention and whole person care are the key to a healthy community and society.



Mary-Katherine Smith, DrPH, MPH, MCHES, CPH, COI
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Mary-Katherine Smith is currently an Associate Professor with A.T. Still University's College of Graduate Health Studies, MPH Program. Dr. Smith holds a Doctorate of Public Health with an emphasis in Social and Behavioral Sciences from the University of North Texas Health Science Center in Fort Worth, a Masters in Rural Public Health from Texas A&M University Health Science Center School of Rural Public Health, and a Bachelors in Biology from Texas A&M University. She is also a Master Certified Health Education Specialist (MCHES), and Certified in Public Health (CPH). Dr. Smith has extensive experience in Epidemiology, Program Planning, Community Health, and Public Health Preparedness; with experience working in the non-profit sector, government sector as well as in Academia. She has been teaching in the online environment since 2007, and has completed and obtained her Online Teaching Certificate from Sloan-C and is currently working toward her Certificate in Online Instruction.

Prior to becoming a full time academic, she was the first full time pandemic program planner in the state of Texas at Dallas County Health and Human Services. Key activities included enhancing existing surveillance systems for seasonal influenza, educating community leaders through created lectureships and programs, and provide consulting services for agencies in developing their own business continuity and continuity of operations plans. Prior to her employment for Dallas County she worked as a Community Health Facilitator for Catholic Charities in the Diocese of Fort Worth, focusing on community health education and outreach.

Dr. Smith has published multiple research articles in Pandemic Planning and Emergency Preparedness, as well as in the use of Social Media in Education Diverse Populations; she also presents regularly at National Conferences on rural border health issues, social media and water scarcity as a public health issue, this includes presentations at APHA and NRHA. She has also served as a national spokesperson for the American Heart Association as well as former chairman of the American Heart Association Cultural Health Initiatives Tarrant County Task Force. She is a member of the National Society of Public Health Education and the U.S. and Texas Public Health Associations, as well as the National Rural Health Association.

In her spare time she enjoys riding horses and traveling. Dr. Smith lives in Texas with her husband and young son.