

**THE COMPLETE
PROGRAM GUIDE
TO NEOMED'S
COLLEGE OF
GRADUATE STUDIES**



College
Of Graduate
Studies

TABLE OF CONTENTS

CLICK TO GO EACH SECTION



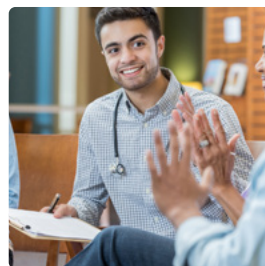
**1. THE COLLEGE OF
GRADUATE STUDIES:
BECOME A HEALTHCARE
PROFESSIONAL**



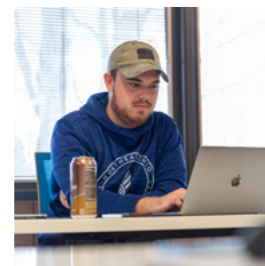
**2. WHAT IS THE ROLE
OF A HEALTHCARE
PROFESSIONAL?**



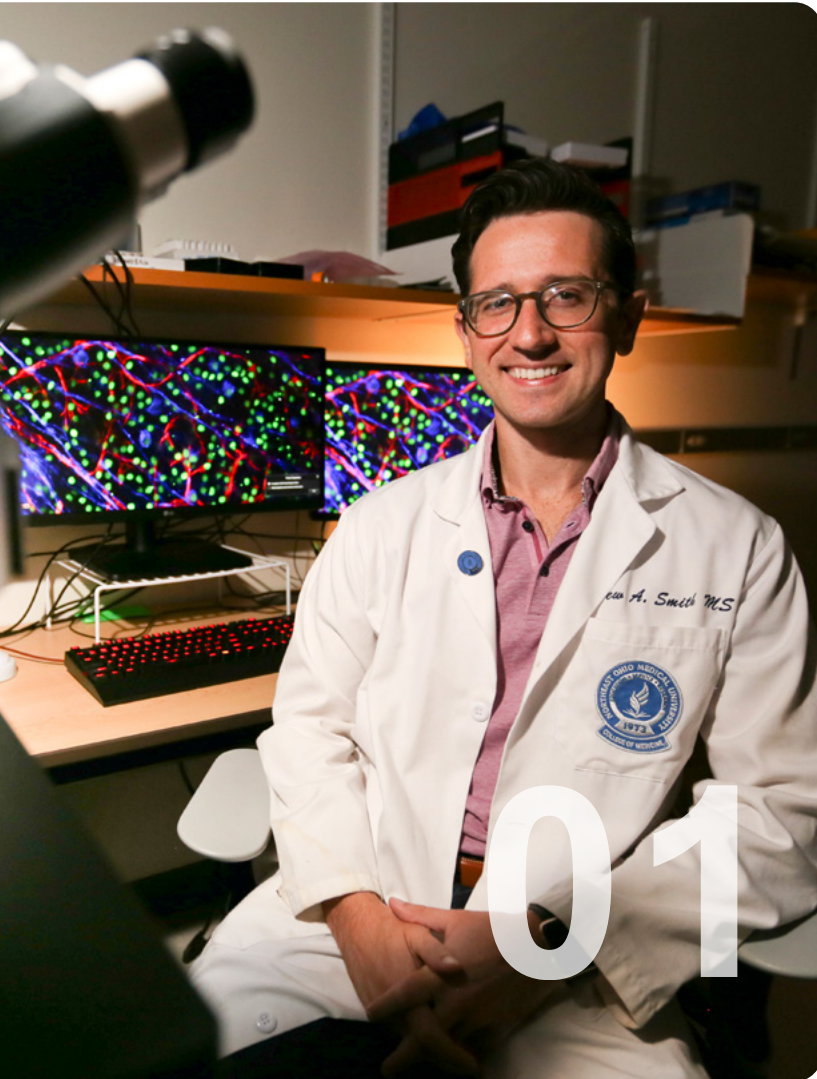
**3. IS THE COLLEGE OF
GRADUATE STUDIES
RIGHT FOR ME?**



**4. FIND YOUR PROGRAM AT
THE COLLEGE OF
GRADUATE STUDIES**



**5. APPLY TO THE COLLEGE
OF GRADUATE STUDIES AT
NORTHEAST OHIO MEDICAL
UNIVERSITY**



THE COLLEGE OF GRADUATE STUDIES: BECOME A HEALTHCARE PROFESSIONAL

Not all healthcare professionals wear white coats or interact with patients every day. In fact, millions of people in the field work behind the scenes to advance and maintain the health of the populations they serve as researchers, teachers and community leaders. If you want to bring about positive change in healthcare, the [College of Graduate Studies at NEOMED](#) can help.

The College of Graduate Studies was founded in 2009 and offers graduate programs for anesthesiologist assistants and in integrated pharmaceutical medicine, health systems science, health research, health-system pharmacy administration, foundations of medicine, medical ethics and humanities, and public health.

Read on to discover more about the College of Graduate Studies, the programs we offer and how a graduate degree from NEOMED will prepare you to serve your community as a healthcare professional.



WHY PURSUE A GRADUATE DEGREE FROM NEOMED?

At NEOMED, we're committed to graduating professionals who will advance community health, innovation, and research. Whether you are a doctor or pharmacist seeking to expand your existing knowledge or you are seeking career advancement in another healthcare role, the College of Graduate Studies at NEOMED will provide you with the hands-on education and collaborative environment you need to succeed in healthcare.

Our focus on interprofessional education allows students to learn with, from and about each other across the spectrum of their education to improve collaboration, practice and the quality of healthcare. Through these collaborations and partnerships, learners acquire knowledge, skills and attitudes to become culturally and clinically competent providers that practice patient-centered care in a team-based practice.

MEASURES OF EXCELLENCE

6

**research
focus areas**



70+

**professional
and recreational
student organizations**



10

**different degree
paths and programs**



THE BENEFITS OF A GRADUATE SCHOOL IN OHIO

Students at NEOMED benefit from [our partnerships](#) with some of the most prestigious medical campuses and institutions in northeast Ohio. Our location in the center of one of the country's top healthcare regions places us among nationally ranked hospitals, research companies and institutions of higher education that are thriving in the health sciences. As a student at NEOMED, you'll have access to these facilities for clinical education and research.

AROUND NORTHEAST OHIO

60+

hospitals



700+

**biomedical
companies**



230,000

**healthcare and
bioscience workers**





WHAT IS THE ROLE OF A HEALTHCARE PROFESSIONAL?

While doctors and nurses may be the first to come to mind when we think of healthcare professionals, the healthcare field encompasses many other career options for individuals who want to positively benefit their communities. Healthcare professionals like medical researchers, teachers and administrators provide essential services that promote health, prevent disease and provide healthcare services.

Whether you want to work directly with patients or provide behind-the-scenes support and research for others, the College of Graduate Studies at NEOMED can prepare you for a rewarding career in healthcare that fits your interests. Some careers you might pursue after earning a healthcare degree from NEOMED include:

- Biomedical laboratory technician
- Biomedical scientist
- Certified Anesthesiologist Assistant
- Clinical research associate
- Epidemiologist
- Healthcare administrator
- Healthcare consultant
- Health sciences professor
- Outreach advocate
- Public health educator
- Medical researcher
- Medical writer





IS THE COLLEGE OF GRADUATE STUDIES AT NEOMED RIGHT FOR ME?

If you're interested in pursuing a graduate degree to advance your healthcare career, you may be wondering if you're a good fit. Students in the NEOMED College of Graduate Studies are typically working healthcare professionals, resident physicians, resident pharmacists or students in NEOMED's College of Medicine or College of Pharmacy. However, the graduate programs at NEOMED are available to new students as well, whether they seek to add a new degree or augment an existing one.

Students who want to gain real-world experience as they pursue their degree will find ample opportunity at NEOMED. Our collaborative approach to educating, training and preparing future healthcare leaders places value on practical, hands-on learning experiences that allows students to directly apply what they have learned in the classroom.

**THE COLLEGE OF GRADUATE STUDIES OFFERS
THE FOLLOWING DEGREE PROGRAMS:**

- [Anesthesiologist Assistant \(M.M.Sc.-A\)](#)
- [Health Research \(Graduate Certificate\)](#)
- [Integrated Pharmaceutical Medicine \(Ph.D. or M.S.\)](#)
- [Leadership in Health Systems Science \(M.L.H.S.S.\)](#)
- [Medical Ethics and Humanities \(M.A. or Graduate Certificate\)](#)
- [Foundations of Medicine \(Master\)](#)
- [Public Health \(M.P.H.\)](#)





FIND YOUR PROGRAM AT THE COLLEGE OF GRADUATE STUDIES

ANESTHESIOLOGIST ASSISTANT

If you want to be an integral part of a dynamic care team that supports patients during some of their most vulnerable times of need, the Master of Medical Science in Anesthesia (M.M.Sc.-A) program at NEOMED will prepare you for a fulfilling career as an anesthesiologist assistant.

This degree will provide you with the skills and experience needed to medically guide patients throughout the preoperative, intraoperative, and immediate postoperative periods of their surgeries. The average [salary range for anesthesiologist assistants is \\$163,448](#) in 2021, according to Salary.com.

PROGRAM REQUIREMENTS

The Master of Medical Science in Anesthesia program is designed to prepare and train students in the science and practice of anesthesia to be qualified as Certified Anesthesiologist Assistants (CAAs). Individuals who have earned a Bachelor's degree while maintaining GPA requirements (both undergraduate and BCPM), completed the prerequisite courses, and obtained established MCAT or GRE scores are eligible to apply.

VIEW DETAILED APPLICATION REQUIREMENTS



COURSES AND CURRICULUM

The M.M.Sc.-A program at NEOMED uses state of the art, high-fidelity simulation, an innovative didactic curriculum and hands-on clinical experiences to ensure students are equipped to provide a superb anesthesia experience for patients across the country.

To be successful, students must complete a rigorous medical sciences curriculum relevant to the discipline of anesthesiology, skills training in modern simulation labs, and extensive clinical experience. Airway management, arterial and venous line placement, as well as other clinical skills are taught through simulations and clinical rotations. Core basic science courses include human physiology, anatomy, and pharmacology.

VIEW THE CURRICULUM



HEALTH RESEARCH

The graduate certificate in health research allows students to build a foundation in the health sciences. Students in this program are exposed to essential research knowledge and training, preparing them for post-graduate programs and grant funding. Many students pursue this graduate certificate to augment their existing healthcare degree or career, though it can also serve as a way for students outside of the healthcare field to develop an understanding of health sciences and establish research skills.

Students who pursue this path will discover new research methods and technologies as they strengthen their skills in organization, analysis and critical thinking. These skills are highly sought after by employers and may make a candidate more viable for a potential career in clinical, academic or industry settings where research fluency is essential.



PROGRAM REQUIREMENTS

The Health Research Graduate Certificate provides students with an opportunity to enhance their professional education or to serve as a pathway toward graduate education in health sciences. Individuals who have earned a Bachelor's degree while maintaining GPA requirements are eligible to apply.

[VIEW DETAILED APPLICATION REQUIREMENTS](#)



COURSES AND CURRICULUM

Students seeking the health research graduate certificate will refine their research interests and develop their leadership skills. This 10-credit graduate certificate program can be completed in as little as two semesters.

[VIEW THE CURRICULUM](#)



INTEGRATED PHARMACEUTICAL MEDICINE

The Integrated Pharmaceutical Medicine Program is designed to educate and develop students into leading independent scientists and scholars. Students can choose to study at the M.S. or Ph.D. level.

Working with nationally and internationally recognized scientists and educators, students in the Integrated Pharmaceutical Medicine program will develop expertise in biomedical and pharmaceutical sciences. Interdisciplinary training and experiential learning in the program prepares students to pursue careers in academia, industries, healthcare and government agencies.



PROGRAM REQUIREMENTS

The Integrated Pharmaceutical Medicine (IPM) program at NEOMED provides graduate students who are interested in entering a career in the pharmaceutical industry and academia with an excellent integrated pharmaceutical medical graduate education at the M.S. and Ph.D. degree levels, and the benefits of NEOMED's excellent research environment and infrastructure. Individuals who have earned a Bachelor's degree while maintaining GPA requirements (undergraduate or graduate) are eligible to apply.

VIEW DETAILED APPLICATION REQUIREMENTS



CURRICULUM

Students are trained through an integrated curriculum with a unique perspective on disease mechanisms and targets for therapeutic interventions in the following focus areas:

- Neurodegenerative disease and aging
- Heart and blood vessel disease
- Hearing research
- Musculoskeletal
- Diabetes, obesity and metabolism

Graduates are prepared to successfully navigate the ever-evolving career landscape through a “tailored” interprofessional curriculum that bridges pharmaceutical sciences with medicine. Students will participate in immersive extramural internship opportunities with industry and hospital partners.

Master of Science (M.S.)

The M.S. degree in Integrated Pharmaceutical Medicine at NEOMED requires a total of 45 credit hours, including 23 credit hours of the core curriculum, 13 credit hours of research, and 9 credit hours of thesis research, culminating in a written thesis and thesis defense.

Doctor of Philosophy (Ph.D.)

The Ph.D. degree in Integrated Pharmaceutical Medicine at NEOMED requires a total of 90 credit hours. All doctoral students in the program will be required to complete 30 hours of didactic study (22 hours of core curriculum and 8 hours of electives that support the research area), 30 hours of research and 30 hours of dissertation research, culminating in a written dissertation and dissertation defense.

[VIEW THE CURRICULUM](#)



LEADERSHIP IN HEALTH SYSTEMS SCIENCE

Develop your professionalism and leadership skills while advancing your knowledge of health systems science in the Master of Leadership in Health Systems Science program. Students in this program learn to analyze the way care is delivered within a health care organization to improve patient care and maximize health.

Students in this program will learn how the aims of health science work together to better achieve enhanced patient experience within health systems, including improved patient and population health, reduced cost and better work-life balance for practitioners. Through health systems science, NEOMED aims to educate a future generation of collaborative and effective physicians and health care workers.



PROGRAM REQUIREMENTS

The Health Systems Science Program is designed to merge advanced knowledge in the core domains of health systems science with leadership, change management and professionalism via systems thinking that emphasizes their interdependence and interconnectedness. Individuals who have earned a Bachelor's degree while maintaining GPA requirements are eligible to apply.

[VIEW DETAILED APPLICATION REQUIREMENTS](#)



CURRICULUM

This curriculum will prepare graduates to be leaders in informing and maximizing health for patients through innovation and delivery of collaborative care models. Students will complete a culminating experience designed to integrate and apply concepts to address and solve a “systems issue” identified by and in collaboration with a NEOMED partner care delivery system.

[VIEW THE CURRICULUM](#)



MEDICAL ETHICS & HUMANITIES

Students in the Medical Ethics and Humanities Master of Arts (M.A.) or graduate certificate program will learn to critically examine issues and values relevant to healthcare delivery, research and the healthcare organization. This course of study is ideal for busy medical professionals and students pursuing clinical and community-based work.

Individuals in the healthcare field are often faced with conflicting values, such as differences in opinion between a doctor and patient or the decision to change or deny treatment because of insurance policies. The medical ethics program at NEOMED trains students to evaluate ethical problems with logic, facts and values to determine the best course of action for patient, provider and organization.

Students who pursue this course of study will emerge prepared to make ethical decisions while considering the values of patients, families and practitioners as well as legal implications and medical board requirements.



PROGRAM REQUIREMENTS

The Medical Ethics & Humanities Program gives students the tools to critically examine issues and values relevant to health care delivery, research and the healthcare organization, as well as the ability to self-reflect, address biases and recognize different viewpoints. Individuals who have earned a Bachelor's degree while maintaining GPA requirements are eligible to apply.

[VIEW DETAILED APPLICATION REQUIREMENTS](#)



COURSES AND CURRICULUM

Students pursuing the 32 credit Master of Arts (M.A.) may choose one of two tracks: medical ethics with an emphasis on clinical ethics, or the health humanities.

The 10-credit graduate certificate programs in either medical ethics or health humanities can be acquired in as little as nine months.

Master of Arts (M.A.)

All students will be required to participate in a foundations course and a research methods course. Based on students' interests and career paths, they may choose one of two tracks: medical ethics with an emphasis on clinical ethics, or the medical humanities.

Graduate Certificate

The graduate certificate program is designed for healthcare professionals and students who have the desire to explore ethical issues in the clinical and community settings through the lens of ethical theory and narrative-driven humanities. It is ideal for the busy healthcare professional or student who wants to combine clinical practice with ethics consultation, education and research.

[VIEW THE CURRICULUM](#)



FOUNDATIONS OF MEDICINE

The Foundations of Medicine program is designed to introduce students to fundamental concepts in the biomedical sciences as well as provide clinical and research experiences.

Students who pursue this course of study will integrate aspects of the first-year medicine curriculum with enhanced coursework and clinical experiences in biomedical imaging. Students will also participate in a research- or health-care based project, learning practical skills via first-hand experience. Graduates are prepared for further professional study in the field of healthcare, research positions, or doctoral programs.



PROGRAM REQUIREMENTS

The Master of Foundations in Medicine program introduces students to fundamental concepts in the biomedical sciences by combining aspects of the first-year medicine curriculum with enhanced coursework and clinical experiences in biomedical imaging. Individuals who have earned a Bachelor's degree while maintaining GPA requirements are eligible to apply.

[VIEW DETAILED APPLICATION REQUIREMENTS](#)



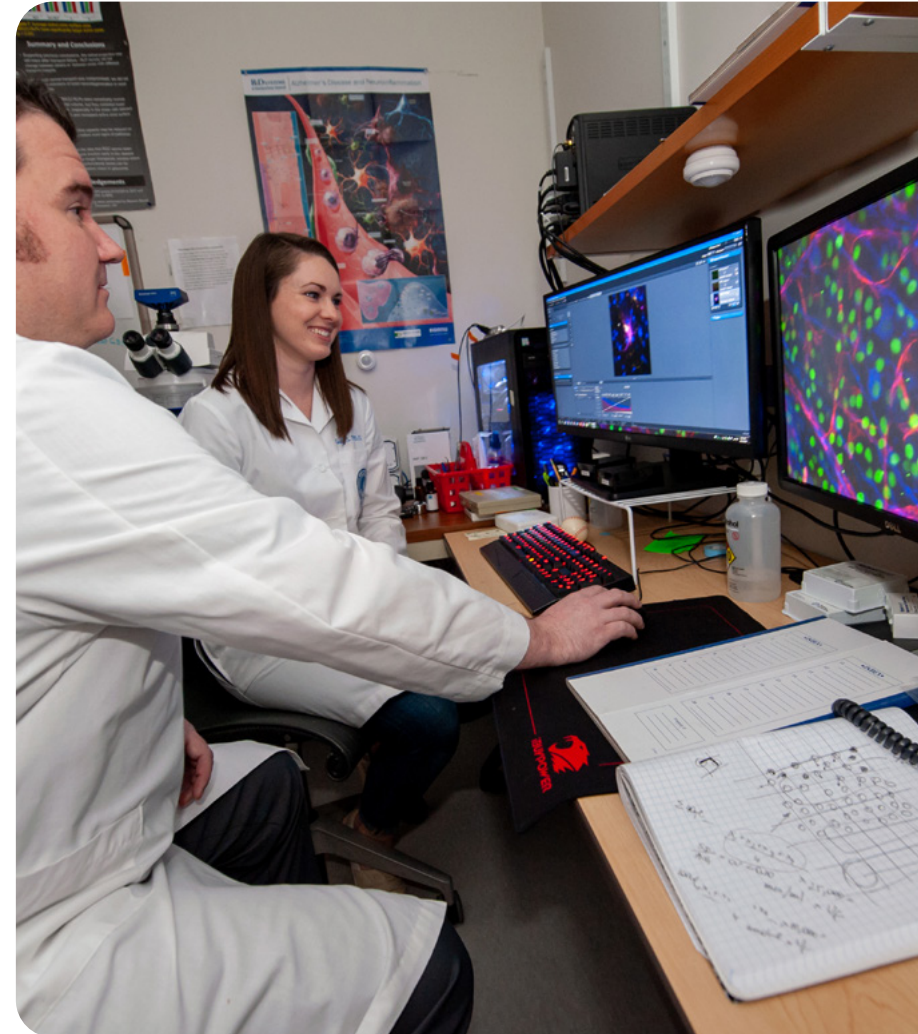
COURSES AND CURRICULUM

Courses are delivered on NEOMED's Rootstown-based campus under the guidance of experienced experts. Students will be exposed to interprofessional education opportunities and clinical experiences within a health professions university.

Master of Foundations of Medicine

This one-year program introduces students to fundamental concepts in the biomedical sciences by combining aspects of the first-year medicine curriculum with enhanced coursework and clinical experiences in biomedical imaging. Based on individual interest, students participate in a research- or healthcare-based project, learning practical skills via first-hand experience.

[VIEW THE CURRICULUM](#)



PUBLIC HEALTH

This non-traditional program is geared toward the working professional or students who would like to broaden their role in improving community health, enhance current job skills, or seek career advancement.

This program provides graduates with a foundation of public health skills and knowledge, including analytic skills, research strategies, community assessment methods, program implementation, evaluation, and policy development within an ethical and culturally sensitive perspective.

A background in public health prepares students to pursue careers as epidemiologists, biostatisticians, health educators, public health advisors and more. According to the Bureau of Labor Statistics, [the healthcare and social assistance job sector](#) is expected to add the most new jobs by 2029.

This program is offered in partnership with Cleveland State University, the University of Akron and Youngstown State University. Courses are delivered as online or online/webinar hybrid.



PROGRAM REQUIREMENTS

The Master of Public Health program at NEOMED is a nontraditional program geared toward the working professional who would like to broaden their role in improving community health, enhance current job skills, or seek career advancement. Individuals who have earned a Bachelor's degree while maintaining GPA requirements are eligible to apply.

[VIEW DETAILED APPLICATION REQUIREMENTS](#)



CURRICULUM

Students take six core courses, three generalist track courses, two capstone project courses, and electives. The entire degree is 42 semester credits. Degrees for students enrolled at NEOMED are granted by Northeast Ohio Medical University. The Consortium of Eastern Ohio Master of Public Health program is accredited by the Council on Education for Public Health. Core courses are the following:

- Public Health Concepts
- Biostatistics in Public Health
- Epidemiology in Public Health
- Social and Behavioral Sciences in Public Health
- Health Services Administration in Public Health
- Policy and Environmental Sciences in Public Health

DOWNLOAD THE CURRICULUM





APPLY TO THE COLLEGE OF GRADUATE STUDIES AT NORTHEAST OHIO MEDICAL UNIVERSITY

If you're ready to take the next step toward a fulfilling career in the healthcare field, we can help you gain the skills and experience you need to succeed.

Our emphasis on interprofessional education and hands-on experience prepares graduates to lead in the health care field and inspire change within their communities.

REQUEST MORE INFORMATION +

SCHEDULE A MEETING +

TUITION AND FEES +

APPLY NOW +

