

UNMC & the College of Public Health

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Assistant Dean for Student Affairs



University of Nebraska
Medical Center

UNMC By the Numbers

- UNMC is a comprehensive health science center with its clinical partner, Nebraska Medicine.
- More than 4,400+ students in about 90 programs.
- UNMC comprises six colleges, two degree-granting institutes and a graduate studies program.
 - College of Allied Health Professions
 - College of Dentistry
 - College of Medicine
 - College of Nursing
 - College of Pharmacy
 - College of Public Health
 - Eppley Institute for Research in Cancer & Allied Diseases
 - Munroe-Meyer Institute
 - Graduate Studies
- Nearly 50 academic departments
- \$875+ million annual operating budget
- \$202+ million in annual research grants
- 6,000+ employees





Project Health (Rendering image)

a \$2.19 billion health care facility at UNMC and Nebraska Medicine, will be a health & clinical learning center to educate and train the next generation of health care providers, conduct research and offer clinical trials.



College of Public Health

Departments

- Biostatistics
- Epidemiology
- Health Services Research and Administration
- Health Promotion
- Environmental, Agricultural and Occupational Health

Number of Faculty – 84+

Centers - Research & Practice

- Center for Preparedness & Emergency Response Solutions
- Center for Collaboration on Research Design and Analysis
- Center for Global Health & Development
- Center for Health Policy
- Center for Health Policy Analysis and Rural Health Research
- Center for Reducing Health Disparities
- Central States Center for Agricultural Safety and Health
- CITYMCH – Maternal & Child Health



Students

Student Headcount – 458

Full-time enrollment – 24%

Average age – 33.7 years

Gender – 71% Female, 29% Male

International Students – 17.9%

Underrepresented Domestic – 17.7%

Employment w/in 12 mo. – 94%

Pass rate of CPH exam – 100%

Represent 38 different countries & 43 different states



What an Exciting Place to Be . . .



COMMUNITY, OUTREACH

UNMC joins in collaboration with Picotte Center

The center on the Omaha Reservation honors the legacy of Dr. Susan La Flesche Picotte, partly through new health initiatives with a multidisciplinary team of providers.

RESEARCH

UNMC research assesses viral respiratory risk at meatpacking plants

The publication offers a blueprint for how meat processing facilities can handle future epidemics.

Jan 14, 2025

OUTREACH

UNMC hosts visiting health delegation from Kenya

The visit was a follow up to a global health security summit in Kenya that UNMC co-convened in January.

Jul 7, 2025

OUTREACH, RESEARCH

UNMC, Taiwan partners join in research collaboration

UNMC and National Yang-Ming Chiao Tung University leaders signed a memorandum of understanding at a June 16 ceremony.

Jun 26, 2025



EDUCATION, OUTREACH

'There is tremendous interest and excitement'

The new UNMC health science education center in Kearney will provide health care training close to home for rural Nebraska.



COMMUNITY, OUTREACH

Tornado surveys provide insight on recovery, preparedness

More than 50 volunteers deployed back into areas affected by the 2024 tornado outbreak in Douglas and Washington Counties.

Jun 11, 2025

OUTREACH, RESEARCH

Cancer center unites experts to advance prevention, early detection

The Cancer Prevention and Control Program launched last fall as part of the Fred & Pamela Buffett Cancer Center strategic plan.

May 2, 2025

COMMUNITY, WELLNESS

UNMC unveiling new tick testing, surveillance program

With new ticks moving into the state, the UNMC College of Public Health will partner to increase tick and disease monitoring.

Apr 30, 2025

COMMUNITY, OUTREACH

Dr. Kim and 'BEAT Cancer' initiative receive prestigious award

The American Public Health Association Cancer Forum recognized the project for its groundbreaking screening effort in the African American community.

2025

COMMUNITY, OUTREACH

Omaha's great apes in caring hands

A partnership between UNMC and the Henry Doorly Zoo and Aquarium brings preventive, specialized health care – such as echocardiograms – to Omaha's gorillas.

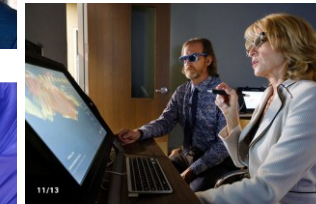
Sep 25, 2024



OUTREACH

'Zoodemic' app brings public health education to young learners

The app was developed by the UNMC College of Public Health and students from the University of Nebraska at Omaha.



EDUCATION

Learning in 3D

See how Jennifer Cera, DNR and the iEXCEL visualization team are advancing medical education and women's health through 3D animation of the female anatomy.

INDUSTRY, VIRTUAL

The Magicians of Medical Imagery

A specialized team of designers, artists and animators is building the next-level 3D, virtual reality and augmented reality content in UNMC's iEXCEL program. Read about their skills and their stories.

May 3, 2024



INSIDE UNMC

Former U.S. Surgeon General Jerome Adams to visit UNMC

Dr. Adams served as the nation's surgeon general from 2017 to 2021, helping guide the country through the COVID-19 pandemic.



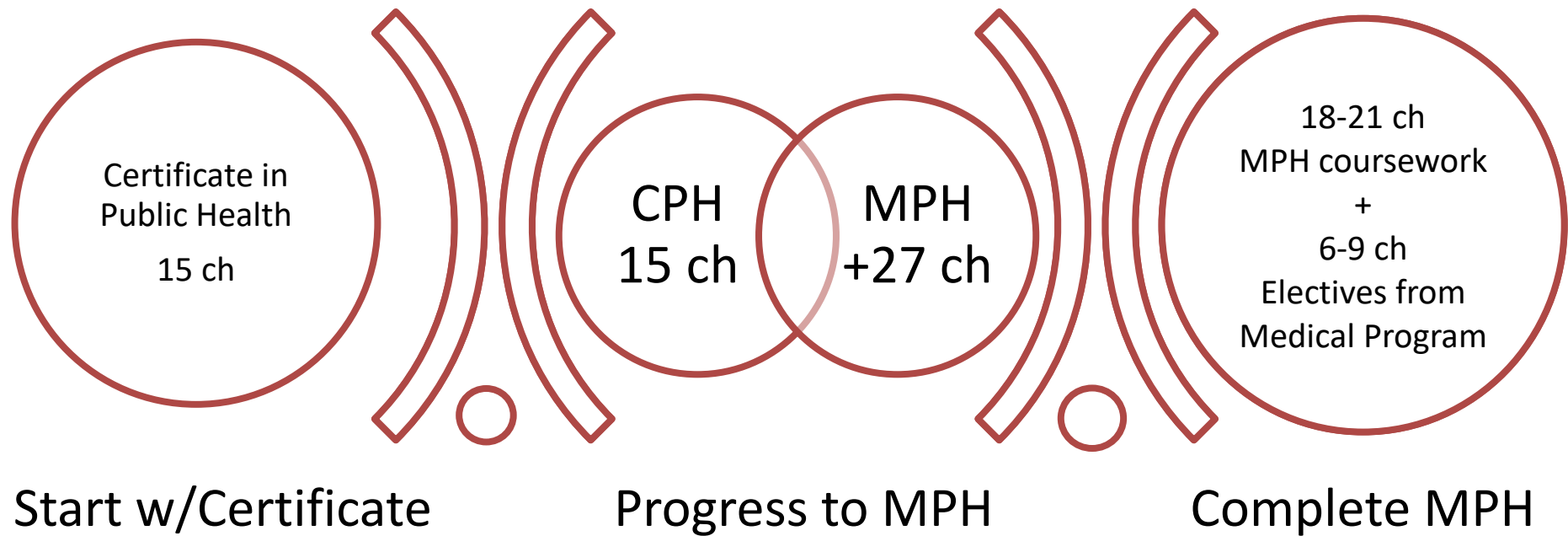
DO – Public Health Program

Certificate in Public Health & Master of Public Health



University of Nebraska
Medical Center

Public Health Training w/D.O.



Certificate in Public Health

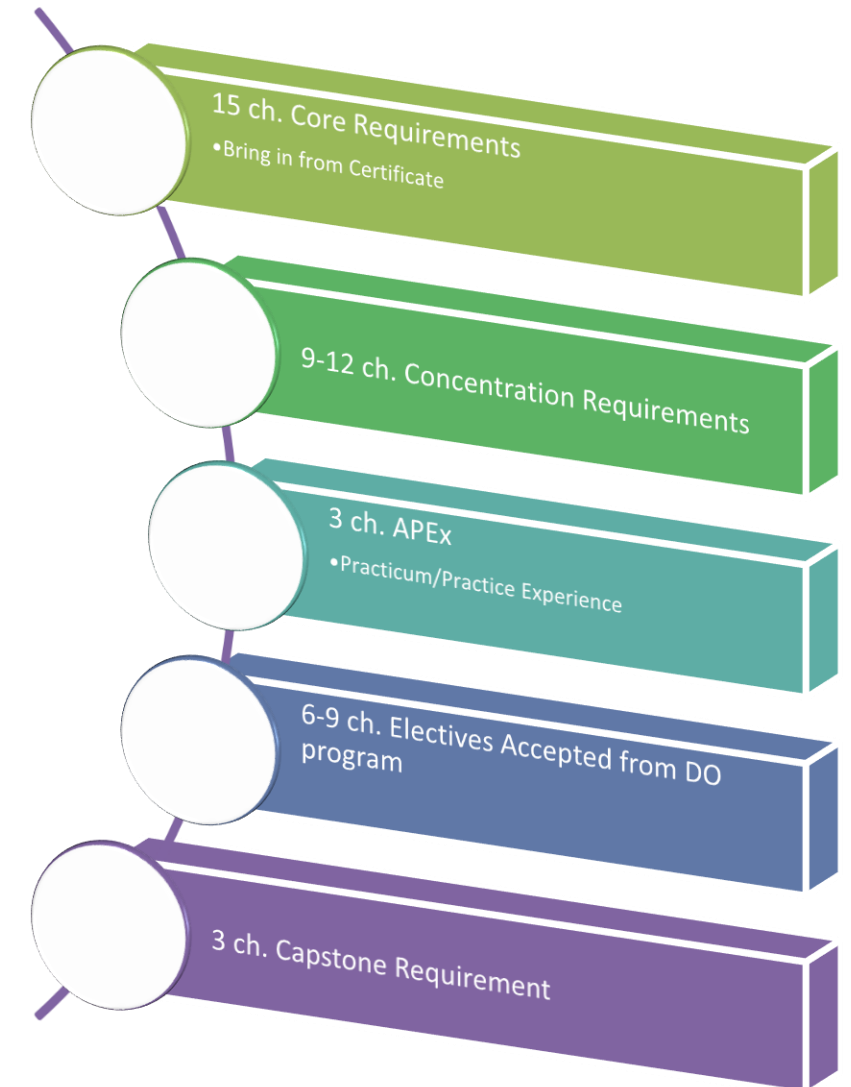
Core Courses		cr. hrs.
CPH 500	FOUNDATIONS OF PUBLIC HEALTH	3
CPH 504	EPIDEMIOLOGY IN PUBLIC HEALTH	3
CPH 506	BIostatISTICS	3
CPH 514	PLANNING AND EVALUATION	3
CPH 539	PUBLIC HEALTH: LEADERSHIP AND ADVOCACY	3
Total Credit Hours		15



Master of Public Health

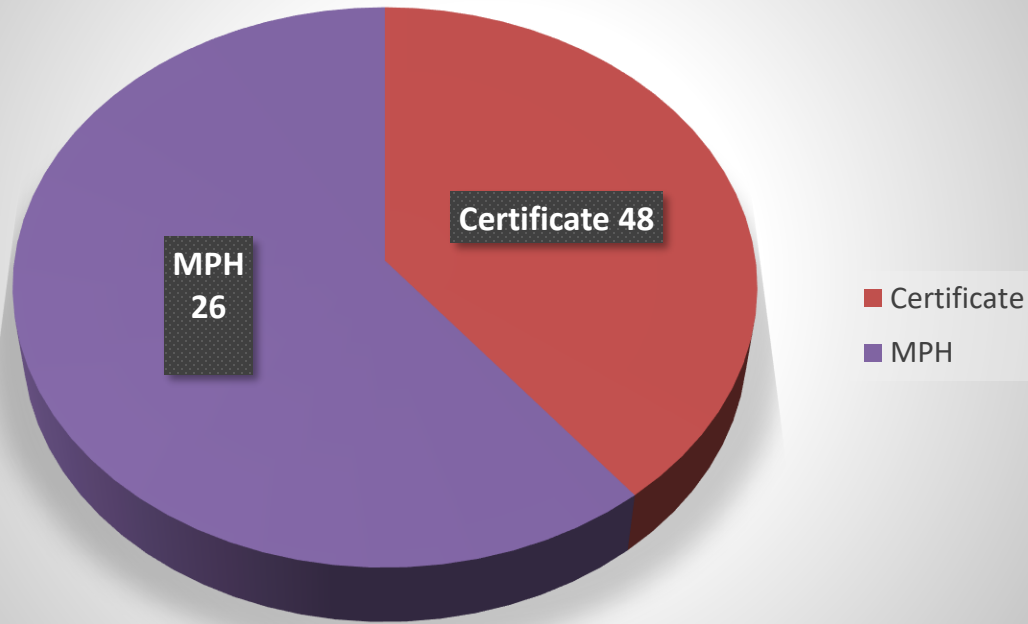
Concentrations in

- Biostatistics
- Emergency Preparedness
- Environmental Health and Occupational Health
- Epidemiology
- Health Promotion
- Maternal and Child Health
- Public Health Administration and Policy
- Population Health Informatics



DO Students in COPH

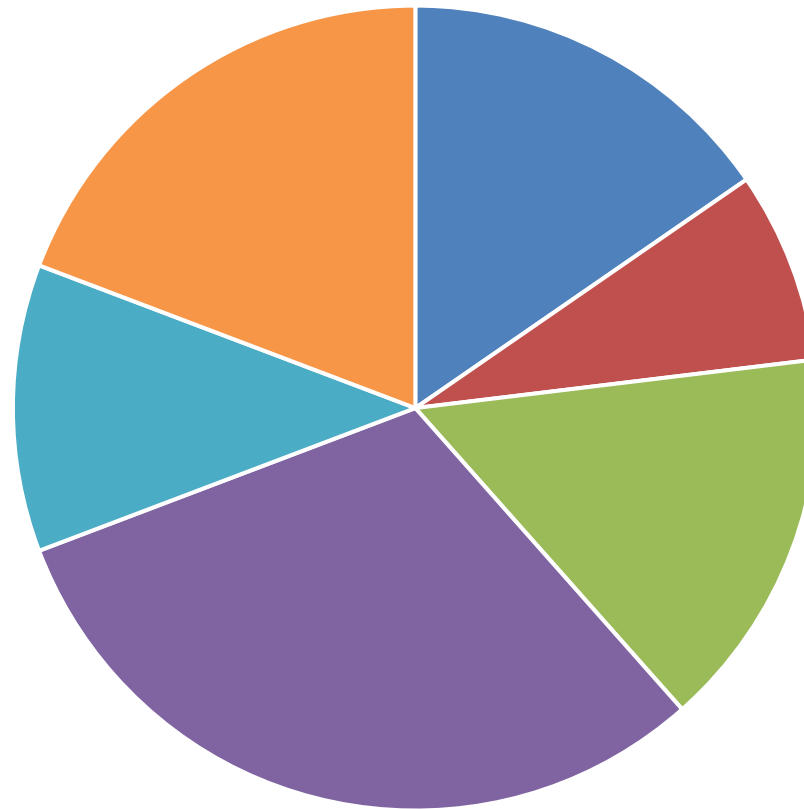
DO Students Currently Enrolled



As of Summer 2026, – 20 D.O. Students have graduated with their MPH



DO Enrollment in MPH Concentrations



■ Emergency Preparedness

■ Environmental and Occupational Health ■ Epidemiology

■ Health Promotion

■ Maternal & Child Health

■ Public Health Administration and Policy



Residency Placements – DO/MPH Grads.

specialty	State
Psychiatry	MO
Psychiatry	CA
Family Medicine	CA
Pediatrics	WI
Internal Medicine & Pediatrics	MO
Diagnostic Radiology	WI
Otolaryngology	MI
Obstetrics & Gynecology	TX
Pediatrics	WI
Internal Medicine & Pediatrics	TX
Internal Medicine	CA
Child Neurology	CA
Family Medicine	CA
Orthopaedic Surgery	MO
Neurology	OH
Pediatrics	AZ
Psychiatry	TX
Diagnostic Radiology	CO
Orthopedic Surgery	TX
Family Medicine	WA



Student Life Opportunities



University of Nebraska
Medical Center

In Addition to Full Student Services

- Opportunities to conduct research with faculty & peers
- Travel award opportunities for accepted public health research
- Research and global health travel awards opportunities
- Scholarships & practice awards
- Student leadership & governance positions
- PHIRE and Copenhague Student Research Conferences
- Copenhague dedicated career services
- Professional and academic development webinars



DO/MPH Student Research Publications 2023-2025

2023

Acquired Non-histaminergic Angioedema With C1q Autoantibody and Urticaria: A Case Report.

DOI: 10.7759/cureus.43841

Adoption of Vaping Cessation Methods by US Adolescent E-Cigarette Users.

DOI: 10.1542/peds.2023-062948

COVID-19 NFL Injury Prevalence Analysis, A Follow-Up Study

<https://doi.org/10.1101/2023.01.11.23284292>

COVID-19 Return to Sport: Collegiate Baseball Injury Prevalence Analysis

DOI: 10.33545/27077012.2023.v4.i1a.145

COVID-19 Return to Sport: Fall Sports Collegiate Athletics Injury Prevalence Analysis

DOI: 10.31254/sportmed.7102

Effects of Patient Education on Knee Joint Injections and the Impact on Patient Care and Satisfaction in Rural Guatemala

DOI: 10.18203/issn.2455-

4510.IntJResOrthop20231983

Genetic and environmental influences on early-age susceptibility and initiation of nicotine-containing product use: A twin-pairs study.

DOI: 10.18332/tpc/173556

Low-Grade Urachal Cystadenoma With Abundant Calcification Removed Using Robot-Assisted Laparoscopy: A Case Report.

DOI: 10.7759/cureus.47209

Patients Perceptions of Opioid Use for Chronic Lower Back Pain in Rural Guatemala

DOI: 10.21776/ub.jap.2023.004.03.01

Prevalence and Factors Associated with Vaping Cannabidiol among US Adolescents.

DOI: 10.1001/jamanetworkopen.2023.29167

Prospective Evaluation of a Multibeat Analysis Cardiac Index Estimation in Patients With Cardiogenic Shock

DOI: 10.1053/j.jvca.2023.04.003

Racial and ethnic disparities in biomarkers of exposure and potential harm among U.S. adult exclusive e-cigarette users: 2013–2019.

DOI: 10.1016/j.drugalcdep.2023.110984

Sleep, nutrition, hydration and rest: The equal importance of external factors outside of training and practice for sports injury prevention

<https://doi.org/10.55860/LZNO4932>

The Necessary De-Stigmatization of Mental Health Promotion for Sports Injury Prevention and Performance

DOI: 10.31254/jmr.2023.9401

2024

A cadaver study evaluating intraluminal anomalies of the left common iliac vein.

<https://doi.org/10.1016/j.jvs.2024.101837>

Achilles Allograft Fiber Track Graft Preparation Technique for Anterior Cruciate Ligament Reconstruction.

<https://doi.org/10.1016/j.eats.2023.09.019>

Biomarker Assessment of Nicotine Exposure Among Adolescent E-Cigarette Users: 2018–2019.

DOI: 10.1542/peds.2023-062424

Biomarkers of metal exposure in adolescent e-cigarette users: correlations with vaping frequency and flavouring.

DOI: 10.1136/tc-2023-058554

COVID-19 National Football League (NFL) injury analysis: follow-up study.

DOI: 10.2196/45688

CPT2 Deficiency Modeled in Zebrafish: Abnormal Neural Development, Electrical Activity, Behavior, and Schizophrenia-Related Gene Expression.

<https://doi.org/10.3390/biom14080914>

Does the Association between Changes in Health Behaviors and Weight Gain Differ by Race and Ethnicity During the COVID-19 Pandemic? Findings from a Population-based Study.

DOI: 10.5993/AJHB.48.4.4

Factors Associated With Early Discharge in Pediatric Trauma Patients Transported by Rotor: A Retrospective Analysis.

DOI: 10.1016/j.amj.2023.09.010

Genetic and environmental influence on alcohol intent and alcohol sips among U.S. children—Effects across sex, race, and ethnicity.

<https://doi.org/10.1371/journal.pone.0298456>

Maternal Tobacco Use During Pregnancy and Child Neurocognitive Development.

<https://doi.org/10.1001/jamanetworkopen.2023.55952>

Outcomes of Injured Patients Before and After the Institution of a Third-Tier Activation at a Level 1 Trauma Center.

DOI: 10.1177/00031348231200670

Perceived racism and discrimination and youth substance use in the United States – Intersections with sex and ethnicity.

<https://doi.org/10.1016/j.vpmed.2023.107811>

Pregnant X Receptor Signaling Pathway and Vitamin K: Molecular Mechanisms and Clinical Relevance in Human Health.

DOI: 10.3390/cells13080681

Prenatal Tobacco Exposure, Brain Subcortical Volumes, and Gray-White Matter Contrast.

<https://doi.org/10.1001/jamanetworkopen.2024.51786>

Role of thermosensitive transient receptor potential (TRP) channels in thermal preference of male and female mice.

DOI: 10.1016/j.jtherbio.2024.103868

Tensile Strength of the Achilles Tendon Allograft: A Comparative Study of Graft Preparation Technique.

<https://doi.org/10.3390/jcm13216488>

The clinical anatomy fellowship: A participants' perspective.

<https://doi.org/10.1002/ase.2337>

The Clinical Anatomy Fellowship: Revolutionizing curricular experiences for faculty and students.

<https://doi.org/10.1002/ase.2390>

The Effect of COVID-19 Infection on Clinical Outcomes in Patients Undergoing Surgical Repair of Humerus Fractures.

DOI: 10.7759/cureus.56780

The major league baseball pitch clock: First year analysis of pitcher injuries.

<https://doi.org/10.1016/j.jor.2024.06.022>

2025

Assessing proximal humerus cortical bone thickness for total shoulder arthroplasty: A cadaveric study.

DOI: 10.1016/j.jor.2024.10.049

Biomarkers of secondhand smoke and vaping exposure among U.S. Adolescents.

DOI: 10.1016/j.addbeh.2025.108381

Circle of Willis variations and features in an American Midwestern cadaver population.

DOI: 10.1016/j.tria.2025.100407

Concomitant ACL avulsion fracture and patellar tendon injury: A Unique Combination of Injuries Treated with a Novel Approach in a Case Report.

DOI: 10.1016/j.jorep.2025.100636

Do upright radiograph findings affect treatment plans for patients with thoracic and lumbar spine injuries?

DOI: 10.1177/14604086231213742

Mechanism that links perceived racism and discrimination and youth cannabis use, a structural equation modeling approach.

DOI: 10.1016/j.abrep.2025.100590

My One Wild and Precious Life—The Purpose of Medical Care

DOI: 10.1016/j.jpainsymman.2024.02.564

Parental influence on youth cannabis use: The interplay between disapproval and warmth.

DOI: 10.1016/j.abrep.2025.100621

Racial Disparities in Patterns and Modes of Current and Daily Marijuana Use among Adults Living with Children.

DOI: 10.1007/s40615-024-02008-x

Reducing Postoperative Opioids in Pediatric Laparoscopic Cholecystectomy: A Retrospective, Single-Center Cohort Study.

DOI: 10.1016/j.jss.2024.12.028



Admissions



University of Nebraska
Medical Center

Certificate Application

DO students that would like to apply for the Certificate in Public Health must be approved for the program by the DO Academic Representative.

- Submission of the **SOPHAS Express** Public Health application
- All official transcripts from current and previously attended institutions
 - *All non-US transcripts must be evaluated by the World Education Service (WES) using their ICAP Course-by course evaluation service*
- Two Letters of Recommendation (*one letter from KCU Designee*)
- Resume/CV
- A one-page personal statement
- *All applicants whose primary language is not English or whose undergraduate degree is from a college or university outside of the United States are required to submit official Test of English as a Foreign Language (TOEFL) scores.*



MPH Application

- Submission of the **SOPHAS Express** Public Health application
- All official transcripts from current and previously attended institutions
 - *All non-US transcripts must be evaluated by the World Education Service (WES) using their ICAP Course-by course evaluation service*
- Two letters of recommendation (*one letter from KCU Designee*)
- Resume/CV
- A one-page personal statement



Deadlines for Certificate & MPH

Program	Spring Start Application Deadline	Summer Start Application Deadline	Fall Start Application Deadline
Certificate in Public Health	November 1	February 1	July 1
Master of Public Health	October 1	No Summer admit for MPH	June 1



UNMC Public Health Admissions

Got Questions or Want Schedule a Virtual Meeting?

Email COPH@unmc.edu

Visit <https://www.unmc.edu/publichealth/academics/admissions>





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