

# Track II: Preventative Medicine and Epidemiology

(Available via Distance Education or Hybrid/On Campus)

## Core Courses (6 credits required)

<i>Course Number</i>	<i>Course Name</i>	<i>Credits</i>	<i>Semester Offered</i>
EHS 630	Issues Analysis and Proposal Writing	3	Spring
EHS 640	Introduction to High-Performance EHS	3	Fall

## Methods Requirement (6 credits required)

<i>Course Number</i>	<i>Course Name</i>	<i>Credits</i>	<i>Semester Offered</i>
<b>Choose ONE (3)</b>			
EHS 620	EHS Epidemiological Methods	3	Fall
MHS 630	Essentials for Chronic and Infectious Disease Epidemiology Perspective (UMB) *	3	Spring
<b>Choose ONE (3)</b>			
EHS 621	Biostatistics	3	Spring
MHS 615	Biostatistical for the Health Professional (UMB)	3	Fall

## Electives (18 credits required; choose at least one course from each group)

Option #1: **Non-Thesis Track** (15 Elective credits and 3 credits in Special Studies required)

Option #2: **Thesis Track** (12 Elective credits and 6 credits in Special Studies required)

<i>GROUP I: Electives</i>		
<i>Choose at least one of the following:</i>		
<i>Course Number</i>	<i>Course Name</i>	<i>Credits</i>
<i>EHS 623</i>	Public Health Emergency Preparedness	3
<i>EHS 632</i>	Disaster Health Services	3
<i>MHS 605**</i>	Perspectives on Global Health (UMB)	3
<i>MHS 610**</i>	National/International Approaches to Healthcare Delivery (UMB)	3
<i>MHS 639**</i>	Health Responses to Mass Violence and Disaster (UMB)	3
<i>CIPP 960**</i>	Critical Issues in Global Women's and Children's Health (UMB)	3
MHS 631	Global Non-Communicable (NCD) Epidemiology (UMB)	3
PUBL 600/ SOCY 600	Research Methodology (UMBC)	3
PUBL 604	Statistical Analysis	3
SOCY 618	SAS for Social Scientists	3

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<i>GROUP II: Electives</i>		
<i>Choose at least one of the following</i>		
<i>Course Number</i>	<i>Course Name</i>	<i>Credits</i>
EHS 609	Guided Introduction to EMS Research	3
<i>EHS 634</i>	Disaster Mitigation	3
<i>EHS 636</i>	Disaster Response	3
<i>EHS 637</i>	Disaster Recovery	3
<i>EHS 638</i>	Disaster Preparedness	3
<i>EHS 639</i>	Catastrophic Preparation and Response	3
EHS 720	Emergency Health Services Quality Management	3
PUBL 601	Political and Social Context of Policy	3
PUBL 603	Theory and Practice of Policy Analysis	3
PUBL 652	Politics of Health	3
SOCY 620	Social Epidemiology	3
SOCY 655	Disability and Rehabilitation	3
<i>GROUP III: Special Studies</i>		
<i>Choose one of the following:</i>		
<i>Course Number</i>	<i>Course Name</i>	<i>Credits</i>
EHS 790	Research Project (topical)	3
EHS 799*	Master's Thesis Research	6

**Total Required Credits: 30**

\*Thesis Research can be split into two semesters for 3 credits each semester (recommended)

*BLUE* courses are part of the Emergency Management Certificate and can be taken concurrently within the Master

*GREEN\*\** courses are part of the UMB's Global Health Certificate – to receive certificate, must apply & be accepted to the Global Health Certificate program, but can register for courses through Inter-Institutional Enrollment (IIE) to get credit in the EHS Master degree.