

# Interprofessional Approach to the Epidemiology of Infectious Disease

**HUMS 9424**

<b>Course Description</b>	This course reviews the principles of applied epidemiology and surveillance of infectious disease using a service learning interprofessional community approach to problems experienced in rural eastern North Carolina. Collaboration with public health is done using technologies available.
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• Apply the epidemiological principles to infectious diseases including Covid 19</li> <li>• Demonstrate the following core competencies in completing epidemiological case studies (values/ethics for interprofessional practices; roles/responsibilities; interprofessional communication; and teams/teamwork</li> <li>• Exercise interprofessional strategies to create a continuum of care that will ultimately improve community safety in infectious disease management and the ongoing Covid-19 pandemic</li> </ul>
<b>Course Activities</b>	<p><b><u>Modules</u></b></p> <p>Module 1: Introduction to Epidemiology  Module 2: Public Health Surveillance Complete  Module 3: Covid 19 Epidemiology and Pathophysiology  Module 4: Covid 19 Vaccine Pharmacology Categories  Module 5: Interprofessional Competencies  Module 6: Applied Epidemiology in Populational Health Interprofessional Management</p>
<b>Course Schedule Requirements</b>	Open schedule, coordinating with public health personnel for informational needs using Webex or other technologies to collaborate.

<b>Duration</b>	2 Weeks	<b>Location</b>	Online
-----------------	---------	-----------------	--------

<b>Designation</b>	Elective, Non-Clinical, Online	<b>Revised</b>	04.07.2021
--------------------	--------------------------------	----------------	------------



**ECU**

**BRODY SCHOOL OF MEDICINE**