

PUBLIC HEALTH (M.P.H.) EPIDEMIOLOGY CONCENTRATION

This concentration prepares students for careers as scientific researchers, practical field investigators, health officers, research program directors and managers, and other research areas of public health. Epidemiologists work closely with biostatisticians in designing and analyzing research studies. This concentration is designed for students to acquire a thorough understanding of epidemiological methods, statistical principles, and computer software applications to apply to the practical fields of public health. It offers students an opportunity to acquire specific skills in designing research studies and knowing how to collect data, analyze, and interpret research studies.

Code	Title	Hours
Core Courses		
PHS 501	PUBLIC HEALTH & BEHAVIORAL SCI	3
PHS 502	PUBLIC HEALTH POLICY & ADMIN	3
PHS 503	BIostatISTICS AND COMPUTER APP	3
PHS 504	ENVRNMNTL & OCCUPATIONAL HEALT	3
PHS 505	PRINCIPLES OF EPIDEMIOLOGY	3
PHS 506	RESEARCH & QUANTITATIVE MTHDS	3
Required Concentration Courses		
PHS 521	ADVD SEMINAR IN EPIDEMIOLOGY	3
PHS 522	MULTIVARIATE & PROBABLISTIC BI	3
PHS 523	CHRONIC AND INFECTIOUS DIS. EP	3
PHS 524	STAS METHODS FOR APPLIED EPIDE	3
PHS 525	EPIDE. OF MIN. & SPECIAL POPUL	3
Elective Courses		
Six credits of Elective courses ¹		6
Capstone Courses		
PHS 507	APPLIED MASTER'S PROJECT	3
PHS 508	PUBLIC HEALTH INTERNSHIP	3
Total Hours		45

¹ With approval from the faculty advisor and course instructor a student may take elective courses from other academic units at Jackson State University.