

# PUBLIC HEALTH (PHC)

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## **PHC 4031 Emerging and Infectious Diseases**

**Credit Hours:** 3

**Prerequisites:** Departmental approval or admission to Bachelor's program required

This course addresses important infectious and zoonotic diseases and their impact on domestic and foreign human and animal populations and culturally diverse approaches to public health. It also explores principles of disease detection, diagnosis, prevention and control.

## **PHC 4094 Introduction to Biostatistics for Health Science and Public Health**

**Credit Hours:** 3

**Prerequisites:** STA 2023 with a grade of "C" or higher

This course introduces students to methods and public health applications for analysis of variance, correlation, simple linear regression, multiple linear regression, nonparametric and distribution-free statistical methods, and basic concepts about survival analysis. Public health applications using statistical software will be explored. Writing data analysis reports is also covered.