

PUBH 302 : Public Health

The course content will build on the foundations of scientific knowledge, including the biological and life sciences and the concepts of health and disease. Through a multidisciplinary approach students will explore the determinants of health, and the philosophical and organizational foundations of the professional practice of public health. It also provides an integrated overview of the field by surveying epidemiology, biostatistics, preventative medicine, environmental health, social and behavioral aspects of health and health policy. It also introduces students to the core public health functions of assessment, policy. The course will include didactic lectures, case study, online discussions and oral presentations. Students will be required to apply core public health knowledge towards, critiquing the available scientific literature, evaluating case based scenarios to engage in analysis and problem solving, discussing current and significant local and global public health events, and effectively communicating health education and promotion strategies across the disease spectrum.

Core Course