

Epidemiology Program Learning Outcomes

KNOWLEDGE – SKILLS – VALUES

Knowledge

K1	Describe Public Health Basic Concepts, Dimensions, Core-functions, Determinants and Population Health vs Personal Health.
K2	Explain the Role of Epidemiology as the Basic Science for Public Health by discussing Uses and Applications of Epidemiology in Public Health.
K3	Describe a Public Health Problem in terms of magnitude, person, place and time and Analytical Epidemiological Studies Designs effectively
K4	Demonstrate the Dynamics of Disease transmission, Principles for Prevention and Control of Communicable and Non-Communicable/Chronic Diseases comprehensively

Skills

S1	Identify key sources of data for epidemiological purposes in healthcare sector completely.
S2	Apply the basic terminology and definitions of epidemiology, epidemiological study designs during research in health sector efficiently.
S3	Calculate basic epidemiology measures, morbidity, mortality, use of Information Technology in healthcare setting correctly.
S4	Communicate epidemiological information through writing and presentation, by use of Information and Technology, to stakeholders in health sector effectively.
S5	Appraise appropriate inference independently from Epidemiological Data including its' strengths and weaknesses, for development of Public Health policy, accurately.

Competence

V1	Responsible for independent self-development, professional practices and community development.
V2	Application of professional Ethics and value cultural differences, teamwork, equity and equality in health sector.