

# Graduate Certificate in Epidemiology

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The certificate will allow prospective and current students to become competent in advanced aspects of epidemiological analysis such as assessing population groups and determining their priority health problems, empowering and mobilizing populations in a collaborative public health effort.

## Requirements

Prerequisite courses: STAT 7020 and P\_HLTH 7952. Students taking V\_PBio 8455 must take it as 3 credit hours.

### Core Courses

|   |  |   |
|---|--|---|
| P_HLTH 8120   | Applied Epidemiology in Community Assessment   | 3 |
| P_HLTH 8420<br>or V_PBio 8455                                   | Principles of Epidemiology<br>Epidemiology and Biostatistics   | 3 |
| NURSE 8020<br>or NURSE 8425<br>or P_HLTH 7960<br>or P_HLTH 8470 | Intermediate Statistical Methods for Health Researchers<br>Participatory Approaches for Health and Health Systems<br>Qualitative Approaches to Understanding Public Health Problems<br>GIS for Public Health | 3 |

### Elective - choose one

|   |   |   |
|---|---|---|
| P_HLTH 8620<br>or P_HLTH 8767<br>or P_HLTH 8160 | Emerging Zoonoses Diseases<br>Epidemiology of Vaccine-Preventable Diseases<br>Introduction to Public Health and Food Safety | 3 |
| P_HLTH 8767                                     | Epidemiology of Vaccine-Preventable Diseases  | 3 |