

THE UNIVERSITY OF BRITISH COLUMBIA
School of Population and Public Health

SPHA 551 Design & Measurement (Epidemiology)
2023-24 Winter Term 2

Course descriptions and class schedules are posted on the School's Master of Health Administration (MHA) website: <https://www.spph.ubc.ca/programs/mha/program-details/>

Please note that this course will be taught online during the first weekend and hyflex during the second weekend in UBC Robson Square for both weekends that the course is offered.

UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified applicants to apply.

The deadline for applications is **December 15, 2023**. The application includes the application form and a copy of your CV. Please name your application *surname2023W.pdf* using your surname and the year of submission (e.g., 2023W) and your CV *surnameCV.pdf*, and e-submit to Lucy Li, Administrative Coordinator, at spphr.coordinator@ubc.ca.

The application form can be found at: <http://www.spph.ubc.ca/careerpaths-and-alumni/career-opportunities/>.

Applications will be forwarded to the course instructor after the deadline for applications (**December 15, 2023**). The instructor will make the final selection of the successful candidate.

Remuneration for Teaching Assistants effective September 1, 2023:

- \$41.70/hour (STA)
- \$38.99/hour (GTA I)
- \$37.53/hour (GTA II)
- \$25.63/hour (UTA I)
- \$23.48/hour (UTA II)

For more information visit: [CUPE 2278 Collective Agreement](#)

Appointment dates are as follows:

SPHA 551 Design & Measurement (Epidemiology) January 16, 2024 – April 15, 2024

One part-time position (40 hours total)

Course Learning Objectives:

- Describe the concept of evidence-informed public health.
- Use epidemiological concepts such as person, place and time to describe the distribution and determinants of disease.
- Calculate rates and risks to describe the health status of populations.
- Assess the relevance and understand the limitations of various research designs in the study of disease causation, the assessment of effectiveness of clinical interventions, and the distribution and general impact of health services.
- Formulate and apply logical statements of causation based on a firm understanding of the criteria for drawing causal inferences from data.
- Address threats to the validity of study design, including bias, misclassification, confounding, and effect modification.

- Critically appraise published research.
- Demonstrate a working knowledge of sources of population data.
- Formulate an approach, based on sound epidemiological principles and methods, to answer etiologic and health services questions of public health importance.

Duties:

- Development of a final rubric for assignments, education delivery about technology-related errors.
- Marking the final assignment.
- Assisting the instructor as needed.

Qualifications:

- Current PhD student in Population and Public Health at UBC.
- Student with an understanding of the learning objectives for the course from direct education and/or professional experience.
- Available during the course dates in February and March (February 24-25, and March 15-16) and three weeks following the course for marking assignments.
- Preference given to individuals who have TA experience for SPHA 551.
- Excellent written communication skills.
- Ability to prioritize work and meet deadlines.
- Fluent in written and verbal English.
- Ability to work in a team.
- Prior experience with e-learning an asset.