

# Cancer epidemiology: from description to prevention

<b>Facilitator</b>	<b>Dr. Rose van der Linden, PhD</b> Population Health Laboratory (#PopHealthLab), University of Fribourg
<b>Description</b>	Cancer epidemiology is the study of the distribution and determinants of cancer in the population. This course will introduce participants to the basic concepts of descriptive and analytic cancer epidemiology. We will explain how cancer registries are organized and how to assess the burden of cancer. We will discuss causes, risk factors, and prevention of cancer and how measuring the cancer burden helps inform cancer prevention and policy making.
<b>Objectives</b>	After the course, participants should: <ul style="list-style-type: none"><li>- Understand and know how to compute measures (incidence, mortality, survival) used to describe cancer burden</li><li>- Know the distribution (time, place, number of people) of major cancers in the population</li><li>- Know principles and organization of cancer registration</li><li>- Know the causes of major cancers</li><li>- Be able to apply the concepts of cancer epidemiology to cancer prevention and control</li></ul>
<b>Date</b>	26 March 2024, 14:00 – 16:00
<b>Level</b>	Basic
<b>Eligibility</b>	The course is open to PhD students of the SSPH+ Inter-university Graduate Campus.
<b>Course Structure</b>	The two-hour online course includes lectures as well as pre-course reading and preparation.

<b>Work load</b>	Preliminary Work: 2 h ; Contact time: 2 h; Wrap-Up Work: NA
<b>Credits</b>	(1 ECTS for active participation in 4 2h-online courses and 1 passed assessment in 1 course)
<b>Assessment</b>	Participants will write a short report on the burden and public health measures for one specific type of cancer
<b>Location</b>	Online course on zoom
<b>Course Fees</b>	SSPH+ PhD Students: o.- CHF
<b>Registration</b>	<a href="http://www.conftool.coms/sph-phd-courses2024">www.conftool.coms/sph-phd-courses2024</a>
<b>Deadline for registration</b>	26 February 2024

This course is an SSPH+ IGC initiative to provide post-doctoral scientists at SSPH+ network institutions to teach.