COURSE DETAIL

SCREENING AND EPIDEMIOLOGY
Country Denmark
Host Institution University of Copenhagen
Program(s) University of Copenhagen
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Health Sciences
UCEAP Course Number 177
UCEAP Course Suffix
UCEAP Official Title SCREENING AND EPIDEMIOLOGY
UCEAP Transcript Title SCREEN&EPIDEMIOLOGY
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description
This course trains students in critical assessment of the evidence on cancer screening. It provides a solid introduction to the major concepts, theories, and debates relevant to screening, with a particular focus on early detection of cancer. Emphasis is placed on understanding the rationale for screening and evaluation of screening outcomes. This course provides an overview of the main cancer screening programs that have been implemented in Denmark. Students are trained in applying epidemiologic methods to screening. The roles of Randomized Controlled Trials, cross-sectional studies (e.g. split-sample studies), cohort studies, and case-control studies are determined. Main effect measures, for both positive and adverse outcomes, are defined and calculated on real-life data. This course provides arguments against using survival as the effect measure, and it covers the meaning of concepts such as target population, attenders, self-selection, over-diagnosis, overtreatment, and more.

Language(s) of Instruction
English

Host Institution Course Number
SFOK18002U

Host Institution Course Title
SCREENING AND EPIDEMIOLOGY

Host Institution Course Details

Host Institution Campus
Health and Medical Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department
Public Health

Course Last Reviewed

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