



Course syllabus

Name of the course:

Environmental Epidemiology

Credit points: 7.5 HP/IELTS

Course code:

Responsible department: Occupational and Environmental Medicine, Department of Public Health and Clinical Medicine

Subject: Public Health (FHA)

Level: Graduate

Subject area:

Grading scale: Fail, pass and pass with distinction.

Program affiliation: The course can be studied as a programme course within the master program in public health. The course can also be studied as a single subject course.

Confirmation: The course syllabus is confirmed by the Medical Faculty, Programme committee for the International Master Programme in Public Health (PKF), Course syllabus is valid as from

Contents: This course focus on methods to study relations between exposure to environmental agents (for example air pollutants and metals) or conditions (heat waves) and effect markers, symptoms, morbidity and mortality in population and subgroups. It also describes how to use the information from epidemiological and toxicological studies in risk assessment and environmental health impact assessment.

Expected learning outcomes: After completion of the course, a student with a pass grade should have knowledge and ability including:

- the fundamentals of epidemiology

- study design and common methods in environmental epidemiology
- exposure assessment in environmental epidemiology
- exposure-respons relations, thresholds, interaction
- causality, confounding control, meta-analyses
- health impact assessment

Required knowledge: For non-programme students applying as single-course students, the requirements are 120 ECTS, of which a minimum of 30 ECTS are within one of the following: health sciences, environmental health or social sciences.

Focus of instruction: Teaching in the course is concentrated to two weeks during the course period. Teaching is conducted through lectures, seminars, assignments and group exercises are compulsory. All teaching is in English.

Examination modes: Examination can be done as written examination or assignments, both individually and in groups. Throughout the course the student must participate in seminars and group project works.

For students who do not receive a passing grade at the first written exam on the course, a re-sit is arranged. A student who fails two examinations has the right to a change of examiner according to University rules. A request for change of examiner should be sent to the Bord of the Faculty of Medicine.

Academic credit transfer: Academic credit transfers are always reviewed individually according to the University`s set of rules and academic credit transfer regulations.

Course literature: See appendix

Provisional regulations:

Other regulations:

Start-of study respite

A respite for the start of studies may be granted under special circumstances. Examples of such circumstances are illness, military service, pregnancy, care of children or other nursing responsibilities etc.

A negative decision about start-of-study respite may be appealed to *Överklagandenämnden för högskolan*.

Course roll call

Attendance is compulsory for the course roll call. A student may be relieved from this obligation only through a decision by the course coordinator and only under special circumstances. Non-attendance without a valid reason may lead to the seat being given to another applicant. A decision about this is made by the course coordinator.