

Innholdskrav	Utfyllende opplysninger og kommentarer
Navn	Protocol Development for MPH Thesis
Emnekode og emnenivå	HEL-3666
Emnetype	The subject is reserved as an optional course for students enrolled in the MPH program directly, or through our exchange programs indirectly
Omfang	10 ECTS
Forkunnskapskrav, anbefalte forkunnskaper	<p>Even though this course is not compulsory, it is highly recommended for students at the MPH programme.</p> <p>Full time students should have completed at least two MPH program semesters, have a thesis projects outlined and have a supervisor ready.</p>
Faglig innhold	<p>The main aim of this course is the development of a complete and detailed scientific protocol for the MPH thesis.</p> <ul style="list-style-type: none"> - Protocol outline - Protocol template - Study design - Scientific writing - Advanced and systematic critical appraisal methods - Protocol specific literature reviews - Group and peer supervision - Develop research topics - Develop research questions (hypothesis) - Statistical methods (if applicable)
Læringsutbytte (Objectives)	<p><i>Knowledge and understanding</i></p> <p>On successful completion of the course, the student should:</p> <ul style="list-style-type: none"> • Knowledge <ul style="list-style-type: none"> – be able to demonstrate the structure of a scientific protocol – know key criteria for good protocols • Skills <ul style="list-style-type: none"> – critically evaluate the scientific content of their protocols – critically read and evaluate scientific articles within health sciences

	<ul style="list-style-type: none"> – properly evaluate literature against their own writings • General Competence <ul style="list-style-type: none"> – know the basics of scientific writing – be able to develop research questions – be able to formulate hypotheses
Undervisning og arbejdsform	<p>The course will include didactic teaching such as lectures and power-point presentations, working in small and large groups, as well as interactive discussions and feedback sessions. A mixture between teacher-led and student-led activities throughout and students are expected to actively and dynamically participate in all course activities. Individual knowledge assimilation enhancement is required. Students are expected to hand in a brief project description before course start up and provide feedback to other students. The students will also work in groups, supervising each other.</p> <p><i>Work Requirements</i></p> <ul style="list-style-type: none"> • Prior to course start up, the student submits an outline (1 page) of the MPH thesis project • Compulsory attendance (attendance on at least 80 % of educational activities required). • Active participation in lectures and group sessions is required. • The course has 3 gatherings of 3 days each (9 days total)
Arbejdskrav	<p>Assessments</p> <ul style="list-style-type: none"> • Attendance to lectures and seminars • After the first gathering, the students must complete a home assignment that requires critical appraisal of 10 articles within their chosen field. • Before the third gathering, the students submit a complete outline of the protocol. Maximum five pages.
Eksamen og vurdering	<p>Attendance and the two home assignments are required before attending the exam.</p> <p>After the course, the students have 3 weeks to complete individual home exams consisting of a complete protocol (maximum 10 pages) and a critical appraisal of their own</p>

	protocol (including proper justifications) Grading scale: passed / not passed
Kontinuasjonseksamen ²	Re-sit exam is available in the very beginning of the spring semester.
Undervisnings- og eksamensspråk ³	Teaching language – English