



## Utlysning av kursansvar för kurs inom program

Denna utlysning skickas till funktionsmailadresser UN, GUA samt prefekter.

<b>Programinformation</b>
<b>Utlysande utbildningsnämnd/programnämnd</b>
<i>Programförberedande nämnden (PfN) för Masterprogrammet i global hälsa</i>
<b>Kursen ges inom program</b>
<i>Master's Programme in Global Health</i>
<b>Övrig information</b>
<i>The language of instruction is English.</i>

<b>Kursinformation</b>
<b>Kursnamn</b>
<i>Quantitative research and methods 1 (6 hp)</i>
<b>Beskriv studenternas förkunskaper – från föregående kurser i programmet.</b>
<i>5<sup>th</sup> course, 2<sup>nd</sup> semester. Refer to programme syllabus for earlier courses.</i>
<b>Beskriv vilka examensmål kursen svarar mot.</b>
<b><i>Knowledge and understanding</i></b>
<ul style="list-style-type: none"><li><i>Demonstrate specialised methodological knowledge in the main field of study.</i></li></ul>
<b><i>Competence and skills</i></b>
<ul style="list-style-type: none"><li><i>Demonstrate the ability to critically and systematically integrate knowledge and analyse, assess and deal with complex phenomena, issues and situations even with limited information.</i></li><li><i>Demonstrate the ability to identify and formulate issues critically, autonomously and creatively as well as to plan and, using appropriate methods, undertake advanced tasks within predetermined time frames and so contribute to the formation of knowledge as well as the ability to evaluate this work.</i></li></ul>

**Beskrivning av kurs (design, ämnes- och professions integrering, etc.)**

*This course provides an introduction to epidemiology and biostatistics in the context of global health. It covers fundamental concepts of biostatistics and the application of these concepts to global health issues. It also introduces the principles of epidemiology and the use of epidemiologic methods and analysis to investigate the distribution and determinants of health and disease in populations.*

*The course objective is to introduce the principles of epidemiology and descriptive statistics.*

*The course must include:*

- *Introduction to epidemiological study designs.*
- *Introduction to sampling.*
- *Data collection methods.*
- *Epidemiological measures of disease burden and association (incidence, prevalence, odds and risks).*
- *Descriptive statistics (mean, median, proportions, rates).*
- *Foundations of ethics in quantitative research.*

**Länk till tidigare kursplan (om sådan finns)**

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**Antal studenter**

30

**Preliminär håp-nivå**

67,4 tkr (mean)

**Preliminär första kursstart (ange termin)**

HT 2025

**Övrigt**

*The course is taught in English*