



**Karolinska
Institutet**

Programme syllabus for

Master's Programme in Global Health, 60 credits

Magisterprogrammet i global hälsa, 60 hp

Basic programme information

Programme code	3GB12
Name of the programme	Master's Programme in Global Health
Number of credits	60.0 credits (60.0 ECTS credits)
Starting date	The syllabus applies to students who commence their studies in or after autumn 2012.
	Approved revisions of the syllabus are described under the heading Transitional Provisions.
Decision date	2011-12-02
Decided by	Board of Higher Education
Last revision	2024-02-20
Revised by	Committee for Higher Education
Reference number	3-1081/2024
Specific eligibility requirements	A Bachelor's degree or a professional degree equivalent to a Swedish Bachelor's degree of at least 180 credits. And proficiency in English equivalent to English B/English 6.
Main field of study	Global Health
Qualification	Medicine magisterexamen med huvudområdet global hälsa <i>Degree of Master of Medical Science (60 credits) with a Major in Global Health</i>
	Upon request, a student who meets the requirements for a qualification is to receive a diploma.

Outcomes

Outcomes of second cycle education according to the Higher Education Act

Second-cycle courses and study programmes shall be based fundamentally on the knowledge acquired by students during first-cycle courses and study programmes, or its equivalent.

Second-cycle courses and study programmes shall involve the acquisition of specialist knowledge, competence and skills in relation to first-cycle courses and study programmes and in addition to the requirements for first-cycle courses and study programmes shall:

- further develop the ability of students to integrate and make autonomous use of their knowledge
- develop the students' ability to deal with complex phenomena, issues and situations, and
- develop the students' potential for professional activities that demand considerable autonomy, or for research and development work.

Outcomes of the Degree of Master (60 credits) according to the Higher Education Ordinance

Knowledge and understanding

For a Degree of Master of Science (60 credits) degree the student shall :

- demonstrate knowledge and understanding in the main field of study, including both an overview of the field and specialised knowledge in certain areas of the field as well as insight into current research and development work, and
- demonstrate specialised methodological knowledge in the main field of study.

Competence and skills

For a Degree of Master of Science (60 credits) degree the student shall

- demonstrate the ability to integrate knowledge and analyse, assess and deal with complex phenomena, issues and situations even with limited information
- demonstrate the ability to identify and formulate issues autonomously as well as to plan and, using appropriate methods, undertake advanced tasks within predetermined time frames
- demonstrate the ability in speech and writing to report clearly and discuss his or her conclusions and the knowledge and arguments on which they are based in dialogue with different audiences, and
- demonstrate the skills required for participation in research and development work or employment in some other qualified capacity.

Judgement and approach

For a Degree of Master of Science (60 credits) degree the student shall

- demonstrate the ability to make assessments in the main field of study informed by relevant disciplinary, social and ethical issues and also to demonstrate awareness of ethical aspects of research and development work
- demonstrate insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used, and
- demonstrate the ability to identify the personal need for further knowledge and take responsibility for his or her ongoing learning.

Outcomes of the study programme at Karolinska Institutet

On completion of the education, students must be able to:

- access and assess indicators and determinants of global health variations;

- review the relationship between socio-economic development and disease patterns in different nations;
- present experiences from international collaboration in health development and support in humanitarian emergencies;
- address quality of care, effectiveness and cost effectiveness in different health service systems;
- review health policies and interventions regarding major global health problems; and
- prioritize and address human resources policy and management issues using cases and experiences from different settings.

Description of the main field of study

Global Health is a new area that integrates knowledge and experiences from different disciplines such as public health, medicine, health economy, environmental medicine, anthropology and behavioural sciences. Global health focuses in identifying and assessing the global challenges for public health. The overarching aim is to contribute to a reduction of the global burden of disease. Global health contributes a new arena for research, education and information related to the health challenges facing the global population.

Research in Global Health is multidisciplinary in orientation with three important pillars: public health research, clinical research, and translational research. The focus is on distribution and determinants of health, diseases and injuries in populations with different social, economic and cultural characteristics.

Content and structure

The programme fosters an understanding of the concept of global health and raises competence as regards relevant research methods. The introductory course aims to review the global burden of disease and the factors that determine the variations in health status between different populations in the world using the most recent data available.

The second course provides an introduction to health and medical policy, management and health economics which gives insight into policy development, planning and capacity building in low- and middle income countries, leadership, governance, and applied change management in resource poor settings.

Research methodology introduces participants to the theoretical bases of qualitative research methods and compares and contrasts qualitative and quantitative approaches. Students will learn about data collection methods, with an emphasis on interviews and focus group discussions. This will provide an overview of basic concepts and methods within qualitative analysis. Also methods used for sample surveys in different contexts, survey design, sampling techniques, management of data, descriptive data analysis and presentation are included.

Following courses include child and reproductive health, infectious diseases as a challenge to global health with focus on clinical, social and preventive aspects, infectious diseases, non-communicable diseases, injuries, emergencies and conflicts as related to global health.

The last course is the degree project submitted as a master's thesis. The research for the degree project can be carried out in a low- and middle-income country where there is already an existing collaboration. The degree project can also be based on secondary data from registers, e.g. demographic health surveys (DHS), or an extensive literature review.

Transitional provisions

The Master's Programme in Global Health (60 credits) has its last regular programme study start in the autumn semester of 2024. Students who are admitted and registered have the right to complete the

educational programme according to this programme syllabus and date. In the case of re-admission after a granted study break, an individual study plan is set up. The right to be examined is regulated in the respective course syllabi.

The course *Introduction to global health* was called *Global health* until 2021. Students that are resuming their studies after a study interruption will take courses according to a individual study plan.

Other guidelines

Grading scale

Failed/Passed/Passed with distinction.

Language of instruction

The teaching language is English.

Study plan with constituent courses

For students starting the programme in 2022 or later:

Name of the course	Credits	Main field of study	Cycle
Introduction to Global Health	7,5	Global health	Second
Research Methodology	7,5	Global health	Second
Health Policy, Management and Economics	4,5	Global health	Second
Infectious Disease - A Challenge to Global Health: Clinical, Social and Preventive Aspects	4,5	Global health	Second
Non-Communicable Diseases, Injuries, Natural Emergencies and Conflicts in a Global Health Perspective	3	Global health	Second
Maternal and Child Health in a Global Perspective	3	Global health	Second
Degree Project in Global Health	30	Global health	Second

For students starting the programme in 2021 or earlier:

Name of the course	Credits	Main field of study	Cycle
Global Health	7,5	Global health	Second
Research methodology	7,5	Global health	Second
Health policy, management and economics	4,5	Global health	Second
Infectious diseases - a challenge to global health: clinical, social and preventive aspects	4,5	Global health	Second
Non-communicable diseases, injuries, natural emergencies and conflicts in a global health perspective	3	Global health	Second
Maternal and child health in a global perspective	3	Global health	Second
Degree project in global health	30	Global health	Second