

DEGREE OF MASTER IN SAFETY PROMOTION

40 Credits
(60 ECTS Credits)

30 August 2004 - 3 June 2005
Stockholm, Sweden
and
Internet



Karolinska Institutet
Department of Public Health Sciences
Division of Social Medicine
Stockholm, Sweden

Degree of Master in Safety Promotion

30 August 2004 - 3 June 2005

Course Leader

Professor Leif Svanström
Karolinska Institutet
Department of Public Health Sciences

Course Objectives

The course is designed to give the students knowledge and skills in Injury Epidemiology and Safety Promotion measures so that they can independently plan, implement and evaluate actions taken.

Course Contents

Introduction to Public Health Sciences - 5 Credits

Theories and concepts. Scientific theory. Public health from historical and international perspectives. Disease patterns and risk factors. Literature searches and review. Lectures and group exercises (problem-based learning, PBL). Planning the 10 Credit thesis.

The Burden of Injuries - 1 Credit

The burden of injuries, historically and internationally.

Injury Surveillance - 4 Credits

Methods for the collection and analysis of data. Various types of registry data and survey instruments, Injury Classifications, Measures of risk, data quality and trend analysis.

Safety Promotion and Injury Prevention - 3 Credits

Planning of measures aimed at various risk groups. Selection of design, including active and passive strategies, target-group analysis, cross-sectoral collaboration and the implementation of measures.

Health Economic Evaluation Methods - 1 Credits

Theories and concepts. Review of various health-economic evaluation methods. Calculation exercises based on case studies from the Safe Community programme.

Concepts and principles. Applying for ethical permission.

Inequity and Injuries - 1 Credit

Review of analytic methods for determining socio-economic differences with regard to injuries between various risk groups. Analysis of papers.

Evidence-based Measures - 1 Credit

Tools for the scientific analysis of evaluated measures. Interpretation and implementation problems.

Field Based Safe Community - 3 Credits

The governing of a municipality. The process within environment, safety and public health in a local Safe Community. Crises and emergency plan. Safety promotion within the Rescue Service. Analysis of traffic system - the role for the municipality and the role of the National Road Administration.

Evaluation – Design and Methods - 5 Credits

Evaluation planning. Various types of evaluation models and analytic methods. Measurement problems and data collection. Process analysis; quantitative and qualitative approaches. Interpretation problems and validity. Programme evaluation and analysis of case studies. Trend analysis.

Scientific Theory and Methods - 5 Credits

Theories and methods. Planning the student's own thesis, research plan, design, analytic methods and report-writing conventions.

Degree project in Safety Promotion - 10 Credits

Planning, research plan, analysis of data, report writing and project examination in a public seminar.

Forms of work

Lectures, group work, calculation exercises, data analysis, problem-based learning (PBL) and seminars. Internet-based distance learning.

Examinations

Examinations take the form of individual tests, group works, participation in seminars and an individual degree/thesis project, on location or internet-based.

Course Literature

Welander G, Ekman R, Svanström L. Safety Promotion – An Introduction. Stockholm, 2004.

Laflamme L, Svanström L, Schelp L (Eds). Safety Promotion Research. Stockholm, 1998.

Svanström L, Haglund BJA. Evidence-based Safety Promotion and Injury Prevention - an Introduction. Stockholm, 2000.

Cho J P, Svanström L. Developing Safe Communities - Two Decades of Experiences. South Korea 2002.

Entrance Qualifications

Completed degree of at least 120 Credits (3 years' academic study) or the corresponding degree in another country (180 ECTS Credits).

Course Fee

In Sweden the Universities provided courses are free of charge

Language

English

Location and Organiser

Karolinska Institutet

Department of Public Health Sciences

Division of Social Medicine, Norrbacka

SE-171 76 Stockholm, Sweden

Application Deadline: 15 April 2004

Application Form

http://www.phs.ki.se/csp/research_and_training.htm

Application Code: B36H4

Send Application to

Karolinska Institutet, Departement of Student Affairs

Retzius väg 11 B, SE-171 77 Stockholm, Sweden

Further Information

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