



**Karolinska
Institutet**

Course syllabus for

Global Nutrition, 7.5 credits

Global nutrition, 7.5 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

Please note that the course syllabus is available in the following versions:

Autumn2008 , [Autumn2009](#) , [Autumn2010](#)

Course code	4FH036
Course name	Global Nutrition
Credits	7.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Public Health Sciences
Level	AV - Second cycle
Grading scale	Pass with distinction, Pass, Fail
Department	Department of Biosciences and Nutrition
Decided by	Programnämnden för folkhälsovetenskap
Decision date	2008-05-14
Course syllabus valid from	Autumn 2008

Specific entry requirements

Requirements for admission is having Bachelor's degree or vocational degree worth at least 180 higher education credits in public health science, healthcare or other relevant social sciences subject area.

Objectives

After completion of the course the students should be able to: Describe the most important public health nutrition problems in low- and middle- income countries and be able to discuss long term and short term countermeasures. Identify and describe the most important micronutrient deficiencies in high- , middle- and low- income countries and discuss their determinates and consequences. Suggest suitable intervention projects within the public health nutrition field in high- , middle- and low-income countries based upon existing evidence base.

Content

1. Public health nutrition problems and solutions; This part includes lectures on health and nutrition related questions that are specific for low- and middle- income countries and practical sessions. Other areas of discussed are culture, agriculture, food production, water sanitation and disaster nutrition. 2. Micronutrients; this part is taught by an individual assignment and discussed in a seminar 3. Evidence

base; Perform a literature search of relevant interventions in the field of public health nutrition and compile and present results in a written report followed by an oral presentation. The purpose is to present how interventions work within a chosen area, target group and arena.

Teaching methods

The course includes lectures, seminars, individual assignment, group work, student presentations and practical sessions.

Examination

a. To examine the learning outcomes related to Public health nutrition problems and micronutrients deficiencies, a written exam is used. The evidence based literature search is examined by a written and oral presentation and a written exam. The grades are based on both the written examination and the written reports b. Seminars and practical sessions are compulsory. Absence from seminars must be compensated for by a written assignment. Absence from a practical session must be compensated for by taking part of the same session next time it is given. c. Grades are given according to the 3-graded scale; fail/pass/pass with distinction d. Criteria for grades are handed out upon course start. Students who have failed ordinary examination have the right to be reexamined five more times. This applies to examination of all compulsory modules. Students who have passed an examination have no right to be reexamined for a higher grade. Students who have failed two times have the right to be examined by another teacher.

Transitional provisions

If the course is closed or extensive changes have been made the students have the right to be examined according to this syllabus with in two years time.

Other directives

The course will be evaluated in accordance with the guidelines established by the board of Education

Literature and other teaching aids

Gibney, Michael J

Public health nutrition

4 ed : Oxford, UK : Blackwell Science, 2004 - xiv, 378 s.b ill.

ISBN:0-632-05627-4 LIBRIS-ID:9721861

[Library search](#)

Health Education Authority

Health promotion interventions to promote healthy eating in the general population: a review. : Health promotion effectiveness reviews, 6

URL: [Link to pdf](#)

Hedin, A; Källestål, C

Knowledge-based public health work Part 2 : Handbook for compilation of reviews on interventions in the field of public health

2004

URL: [Link to pdf](#)

Nutrition, agriculture and health - when resources are scarce

Antonsson-Ogle, B; Gustafsson, O; Hambræus, L; Holmgren, G; Tylleskär, T

2nd rev. ed : Uppsala : Uppsala University, Dept. of Medical Sciences, Nutrition [Institutionen för näringslära] and Swedish University of Agricultural Sciences [SLU], 2000

ISBN:91-506-1428-2

[Library search](#)

Public health nutrition : from principles to practice

Lawrence, Mark; Worsley, Tony

Maidenhead : Open University Press, cop. 2007 - xx, 492 s.

ISBN:0335223206 (hft.) LIBRIS-ID:10488462

[Library search](#)

Savage King, Felicity; Burgess, Ann

Nutrition for developing countries

2nd ed : Oxford : ELBS with Oxford University Press, 1993 - xv,461p

ISBN:0-19-442446-4 (pbk) LIBRIS-ID:4607767

[Library search](#)

Diet, nutrition, and the prevention of chronic diseases [Elektronisk resurs] b report of a joint WHO

Geneva : World Health Organization, 2003. - 159 p.

LIBRIS-ID:9770107

URL: [Link to pdf](#)

Food, nutrition, physical activity and the prevention of cancer : a global perspective ; a project of World Cancer Research Fund International

Washington : AICR, cop. 2007 - 517 s.

ISBN:978-0-9722522-2-5 LIBRIS-ID:10721956

[Library search](#)

WHO, Fifty-seventh world health assembly

Global strategy on diet, physical activity and health : Fifty-seventh world health assembly, WHA57.17

Geneva : 2004

URL: http://apps.who.int/gb/ebwha/pdf_files/WHA57/A57_R17-en.pdf