



**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
Revised by	Education Committee GPH
Last revision	2023-11-09
Course syllabus valid from	Autumn 2010

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.

Proficiency in the English language documented by an internationally recognized test such as TOEFL with a total score of at least 79 (internet based), 550 (paper based), 213 (computer based), IELTS with a total score of at least 6,0 (no band less than 5,0), or other documentation that certifies English language skills equivalent to English B at Swedish upper secondary school.

Objectives

After completion of the course the students should be able to:

* Describe and discuss the most important public health nutrition problems from a global perspective with emphasis on low- and middle- income countries and also be able to discuss long term and short term countermeasures.

* Identify and describe the most common public health interventions applied globally to combat

nutritional deficiencies and critically reflect on the scientific evidences available to justify these interventions.

* Identify the main mandates, roles, responsibilities and capacities of the main stakeholders like governments, organizations, Institutes, NGO's that have effective roles in the prevention and control of nutritional problems globally.

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. Nutritional deficiency; this part is taught by an individual assignment and discussed in a seminar
3. Identify the main stakeholders and their role; this part is taught by group work, an individual assignment and discussed in a seminar.

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 nutrients deficiencies, a written exam is used. Identify the main stakeholders and their role is examined by a written and oral presentation. 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; failed/passed/passed 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

The course has been cancelled and was offered for the last time in the autumn semester of 2011. Examination according to this syllabus will be provided until the autumn semester of 2024, for students who have not completed the course with a passing grade.

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](#)

Nutrition, agriculture and health - when resources are scarce

Antonsson-Ogle, B; Gustafsson, O; Hambraeus, 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](#)

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

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

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