

Syllabus

for course at advanced level

Environment and Nutrition from an Individual to a Global Perspective
Miljö och nutrition från individ till ett globalt perspektiv

7.5 Higher Education Credits
7.5 ECTS credits

Course code:	NU8015
Valid from:	Spring 2011
Date of approval:	2009-08-20
Department	Department of Biosciences and Nutrition
Subject	Nutrition

Decision

This syllabus has been approved by the Board of the Faculty of Science at Stockholm University 2009-08-20.

Prerequisites and special admittance requirements

To be qualified for applying to this course you must have completed at least a Bachelor's degree in natural science/medicine, or the equivalent. In addition, Swedish upper secondary school course English B or equivalent.

Course structure

Examination code	Name	Higher Education Credits
N001	Environment and Nutrition, Individ to a Global Perspective	7.5

Course content

The course deals with the interaction between the three areas of environment, nutrition and health, from an individual as well as a global perspective. Examples of issues that are addressed include how the global environment is affected by the individual's lifestyle and dietary habits, the consequences of global environmental change on food production and disease incidence and how different national dietary recommendations relate to sustainable development worldwide. The course allows the student to choose areas to study in depth. The course also covers molecular mechanisms that mediate many of the effects of the environment on individual health.

Learning outcomes

It is expected that the student after taking the course will be able to:

- organize and breakdown an issue in the field of environment, health and nutrition to the appropriate sub-questions and propose an appropriate approach to answer these in a scientific manner.
- critically analyze and discuss scientific evidence in the field of environment, health and nutrition.
- prepare and present a work that answers a question on environment, health and nutrition based on scientific evidence.

Education

The education consists of group education, seminars, project work, presentations, assignments, lectures and individual work. Participation in the seminars and group education is compulsory. An examiner may rule that a student is not obliged to participate in certain compulsory education if there are special grounds for this after consultation with the relevant teacher.

Forms of examination

a. Examination for the course is in the following manner: measurement of knowledge takes place through written and/or oral examination, and written and/or oral presentations.

b. Grading is carried out according to a 7-point scale related to learning objectives:

A = Excellent

B = Very Good

C = Good

D = Satisfactory

E = Sufficient

Fx = Fail

F = Fail

c. Grading criteria for the course will be distributed at the start of the course.

d. A minimum grade of E is required to pass the course, together with completion of all practical laboratory work, seminars, and participation in all compulsory education.

e. Students who fail to achieve a pass grade in an ordinary examination have the right to take at least further four examinations, as long as the course is given. The term “examination” here is used to denote also other compulsory elements of the course. Students who have achieved a pass grade on an examination may not retake this examination in order to attempt to achieve a higher grade. Students who have failed to reach a pass grade on two occasions have the right to request that a different teacher be appointed to set the grade of the course. A request for such appointment must be sent to the departmental board.

Interim

Students may request that the examination is carried out in accordance with this syllabus even after it has ceased to apply. This right is limited, however, to a maximum of three occasions during a two-year-period after the end of giving the course. A request for such examination must be sent to the departmental board.

Misc

The course is included in the Master's Programme of Nutrition, but can also be taken as an independent course. The course is given by the Department of Bioscience and Nutrition at Karolinska Institutet.

Required reading

Course literature is decided by the departmental board and is described in an appendix to the syllabus.