Course Specifications
Valid as from the academic year 2017-2018

Course size
(nominal values; actual values may depend on programme)

Credits 3.0  Study time 90 h  Contact hrs 18.0 h

Course offerings and teaching methods in academic year 2019-2020

A (semester 2)  English  microteaching  0.0 h
                   lecture  0.0 h

Lecturers in academic year 2019-2020

De Henauw, Stefaan  GE39  lecturer-in-charge
Abbeddou, Souheila  GE39  co-lecturer
Michels, Nathalie  GE39  co-lecturer

Offered in the following programmes in 2019-2020

3  A

Master of Science in Biomedical Sciences

Teaching languages

English

Keywords

Nutrition, Public Health, Food systems, Food Security, Sustainability, food and society

Position of the course

During the bachelor training, students have already acquired basic knowledge regarding the physiological importance and impact of diet and nutrition and their potential role in pathways of disease - including the study methodology behind it. This is especially relevant to understand diet – health relationship at the individual level. However, for the academic master in this area it is equally important to understand the role of diet and nutrition also at the population level. This encompasses an understanding of the impact of diet from the molecular level up to the societal and cultural level impact. This is the starting point of the perspective and vision behind this course module. To establish a thorough understanding of the impact of diet on public health is deeply rooted in a broader societal, economic and cultural reality of people’s daily life. This will primarily be studied for the Belgian population, with however strong emphasis on the international context.

Contents

• Basic concepts of public health nutrition
• The most important societal and scientific challenges in the context of public health nutrition
• Institutions and expert panels dealing with public health nutrition / global view on food security / food and nutrition related burden of disease
• Introduction to food systems
  • Food and nutrition surveillance systems
  • Aspects of food policy at national and international level
  • Basic concepts regarding health promotion with focus on diet
  • Cultural, religious and sociological aspects of food and diet

(Approved)
• Food and sustainability
• Capita selecta with lectures from experts from specific settings related to diet and public health

Initial competences
Students should have obtained the bachelor degree in biomedical sciences or should have acquired the competencies related to that degree in any other way

Final competences
1. The student has a thorough understanding of major problems and challenges regarding public health nutrition, both at the national and international level.
2. Student has a good view on national and international structures and institutions dealing with surveillance of public health nutrition.
3. Students are capable to search for specific literature in the field of public health nutrition and to critically analyze the content.
4. Students are capable of analyzing public health nutrition problems in a broader societal, economic and cultural perspective and to reveal underlying mechanisms.
5. Students are able to work in a multidisciplinary context with a view to analyzing complex public health nutrition issues.
6. Students are capable of contributing to the development of policy orienting and supporting initiatives as related to diet and public health issues.

Conditions for credit contract
Access to this course unit via a credit contract is determined after successful competences assessment.

Conditions for exam contract
This course unit cannot be taken via an exam contract.

Teaching methods
Lecture, microteaching.

Extra information on the teaching methods
For the response colleges, capita selecta will be taught by the responsible teachers and also by a number of guest professors.

Learning materials and price
Documents and slides will be available from the MINERVA platform (less than 10 euro).

References

Course content-related study coaching
On appointment with the responsible teachers.

Evaluation methods
end-of-term evaluation and continuous assessment.

Examination methods in case of periodic evaluation during the first examination period
Written examination, oral examination.

Examination methods in case of periodic evaluation during the second examination period
Written examination, oral examination.

Examination methods in case of permanent evaluation
Participation, assignment.

Possibilities of retake in case of permanent evaluation
Examination during the second examination period is possible in modified form.

Extra information on the examination methods
Periodic evaluation: written examination and oral examination.
Non-periodic evaluation: participation in tutorials.

Calculation of the examination mark
Periodic (60%) and non-periodic (40%) evaluation.
Participation in non-periodic evaluation is an essential condition for passing the overall course module. In case of non testified absence, the score will automatically be set at 9/20, irrespective of the score for the periodic evaluation.

(Approved)