



**Karolinska  
Institutet**

Course syllabus for

## **Project course in nutrition science, 15 credits**

Projektarbete inom nutritionsvetenskap, 15 hp

This course syllabus is valid from autumn 2024.

Course code	4NT030
Course name	Project course in nutrition science
Credits	15 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Nutrition Science
Level	AV - Second cycle
Grading scale	Pass with distinction, Pass, Fail
Department	Department of Medicine, Huddinge
Decided by	Education committee BioNut
Decision date	2024-03-05
Course syllabus valid from	Autumn 2024

### **Specific entry requirements**

At least grade pass for the courses "Diet and health - scientific evidence, recommendations and sustainability" (4NT000, 4NT021), "Molecular and genetic mechanisms in nutrition science" (4NT001, 4NT022), "Diet, physical activity and fitness - assessment and evaluation" (4NT002, 4NT023) and "Diet, physical activity and disease prevention - interventions, mHealth and eHealth" (4NT003, 4NT024) within the Master's Programme in Nutrition Science.

### **Objectives**

After completion of the course, the student should be able to:

- Formulate a clear research question within the area of nutrition science, which is motivated by scientific literature.
- Plan, carry out and document a research project that corresponds to 15 credits, i.e., 10 weeks of work, within given timeframes.
- Implement the project according to Karolinska Institutet's guidelines for ethically correct research.
- Analyse and critically interpret the obtained data critically discuss results and conclusions as well as their generalizability.
- Search, read, review, compile and critically interpret relevant scientific literature in relation to the research question.
- Write a scientific report.
- Discuss ethical aspects of the research project.

- Orally present, explain and discuss research results in dialogue with others.

## Content

The course consists of a project work that can be in the form of a literature study or an empirical study. A study plan is written by the student together with the supervisor. The project work can be performed at other universities (other than Karolinska Institutet), government agencies, or private companies. The work can be conducted individually or together with another student. The oral presentation and assessment of the fulfilment of the course's learning outcomes is done individually.

## Teaching methods

The project work is done under supervision, but with a certain degree of independence. Depending on where the project is taking place, participation in seminars, meetings and other similar activities may be included.

## Examination

The examination consists of a written project plan, a written report and oral presentation and discussion of the report. The examiner sets the grade after consultation with the supervisor and the grading teacher, based on the student's work performance and final presentation. Grading criteria are provided on Canvas.

If submission of the report occurs later than the set deadline the student loses the opportunity to obtain the grade of pass with distinction for the course.

Students who have not passed the course after their first presentation (written or oral) are entitled to rework their report and/or presentation and participate in five more presentations within a two-year period from the end of the course.

**Compulsory participation:**

In order to begin the work, the student, in collaboration with the supervisor, must write and submit a project plan for the proposed project (a pm), that must be approved by the examiner before the project can be started. The mid-course follow-up and the presentation of the degree project are compulsory. The examiner assesses if and, in that case, how absence from compulsory parts can be compensated. Before the student has participated in all compulsory parts or compensated absence according with the examiner's instructions, the student's study results cannot be finalized. Absence from a compulsory activity may result in that the student cannot compensate absence until the next time the course is given.

If, at or after the half-time follow-up, it becomes evident that the student has deviated significantly from his/her work commitments in agreement with the supervisor, which seriously complicates the project and the supervision, the examiner can in advance decide to give a grade of fail for the student.

If there are special reasons, or need for adaptations for a student with a disability, the examiner may decide to depart from the syllabus's regulations on examination form, number of examination opportunities, possibility of complementation of or exemption from compulsory activities, etc. Content and learning outcomes as well as the level of expected skills, knowledge and abilities must not be altered, removed or lowered.

## Other directives

The course language is English.

This course replaces the course Project course in nutrition science, 15 credits (4NT009) and cannot be included in a degree together with the latter course.

## **Literature and other teaching aids**

The course literature consists of scientific articles, reports and other literature relevant for the project.