



LUNDS UNIVERSITET
Medicinska fakulteten

COURSE SYLLABUS
NoM2010/818

Reg.

1(2)

Adopted by the NBMFU 28 April
2010
Valid from autumn semester 2010

Biomedical, medical and public
health training board (NBMFU)

VMFN17 Second-Cycle Project Work

15 higher education credits Second cycle
Level 1N

General Information

Main field

Biomedicine

Subject

Biomedical subject area of choice.

Type of course and its location in the education system

The course is an elective component of the Master of Science (Two Years) programme in Biomedicine

Language of instruction

English or Swedish

Learning Outcomes

On completion of the course students are expected to be able to

- write a project plan with due regard for clarity and scientific basis in the formulation of aim/questions and choice of method
- discuss ethical and/or security aspects of a project in biomedicine
- describe their research findings in the form of a scientific journal article and critically evaluate and assess these in relation to the conditions of the project and the research findings of others
- orally present their findings and provide arguments for their validity and medical and/or social value.

Course Content

The course consists of a project of ten weeks, in which an experimental and/or theoretical study related to biomedical research is carried out.

Subjects examined

Project plan, 1 credit

Written and oral presentation of the project, 12 credits

Critical review of a fellow student's project, 2 credits

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Instruction and Examination

The project work is to take place under supervision at a higher education institution, company or other public institution where qualified biomedical research and/or development work is conducted.

A project plan, formulated by the student with some assistance from the supervisor, must be approved by the course director before the project can be commenced. Ethical and safety aspects must be considered in the project plan.

In addition to laboratory activities or the equivalent, the project work comprises literature searches and studies, documentation of methods and of completed experiments or examinations, discussion and interpretation of data, and a compilation of the findings to be presented orally and in writing. The written report shall be in the form of a research article written in English.

Besides the project plan that is to be submitted and approved before the project is commenced, the assessment will be based on: 1/ a written report of the project work, 2/ an oral presentation and defence of the project work, and 3/ a critical review of a fellow student's project work. The various assignments will be graded immediately after the presentation.

Grades

One of the grades Pass or Fail is awarded.

Admission Requirements

To be admitted to the course students must have a Bachelor's degree in Biomedicine or the equivalent.

Literature

Research articles or textbooks of relevance to the subject area.