



**LUNDS UNIVERSITET**  
Medicinska fakulteten

COURSE SYLLABUS  
M2010/817

Reg. No 1(2)

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

Biomedical, medical and public  
health training board (NBMFU)

## VMFB12 First-Cycle Project Work

15 higher education  
credits

First cycle  
Level 2F

General Information

### *Main field*

Biomedicine

### *Subject*

Biomedical subject area of choice

### *Type of course and its location in the educational system*

The course is an elective course within the Bachelor of Medical Science 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
- describe ethical and/or security aspects of a project in biomedicine
- document, compile and suggest interpretations of their own findings
- summarise their own findings for oral and written presentation.

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. Alternatively, two minor projects can be carried out during a total of ten weeks.

### *Subjects examined*

Project plan, 1 credit  
Laboratory logbook, 9 credits  
Oral and written presentation, 5 credits

Instruction and Examination

The project work is to take place under supervision at a higher

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education institution, company or other public institution where qualified biomedical research and/or development work is conducted. The project can be carried out as full-time or part-time (50 or 25 per cent) studies.

A project plan, formulated by the student but with considerable 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 in a laboratory logbook, 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 brief summary of the project where the aim, methodology and findings are presented.

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 summary, 2/ an oral presentation of the project work, and 3/ a presentation and discussion of the laboratory logbook. If two projects have been completed, only one of them is assessed according to 1-3 whereas the second project is assessed only on the basis of the project plan and the laboratory logbook. 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 completed one year of the Bachelor programme in Biomedicine or another programme in science.

#### Literature

Research articles or textbooks of relevance to the subject area.

#### Further Information

The course replace course VMFB11.