



LUND
UNIVERSITY

Faculty of Medicine

VMFX75, Preparatory Research School, 18 credits

Förberedande forskarskola, 18 högskolepoäng

Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Master's Programmes Board on 2018-10-26 to be valid from 2018-10-29, spring semester 2019.

General Information

Freestanding project course for students at the Faculty of Medicine at Lund University.

Language of instruction: English

Main field of studies

Medicine

Depth of study relative to the degree requirements

A1N, Second cycle, has only first-cycle course/s as entry requirements

Learning outcomes

Competence and skills

On completion of the course, the students shall be able to

- write a project plan based on a predetermined issue in consultation with a supervisor
- compare different methods and argue for the choice of methods in their own research project
- independently execute the project with the chosen methods
- independently compile and summarise results from their own project and those of others using scientifically correct language
- choose and summarise some key references for their own project
- select and graphically present their own results in the form of a scientific poster
- orally present their own results using scientifically correct language
- use a scientific approach to critically review, assess and provide constructive feedback on research reports

Judgement and approach

On completion of the course, the students shall be able to

- critically assess the significance and limitations of research reports based on the relevant literature, issue, chosen methodology and processing method
- reflect on the responsibility and role of their own profession, other professions and society with regard to research projects
- assess the ethical aspects of medical research

Course content

In the course, the students are to plan, execute and report a research project. Research communication and methodology are practised throughout. Furthermore, the course provides students with increased knowledge of local research studies and the research community in general.

Course design

The course is run as part-time studies during the spring semester (corresponding to 2 weeks of full-time studies). The teaching mainly takes place in the evenings during the semester. In the summer, the students are to conduct an independent research project full-time, for a period corresponding to 10 weeks.

Before commencing the research project, the student must autonomously contact a research team at the Faculty of Medicine at Lund University in which the project can be executed and submit a project plan (according to a template) and have it approved by the examiner.

The teaching consists of lectures, a seminar and the students' own preparations and presentations.

Assessment

The assessment is based on two components: a course portfolio and a written and oral presentation.

The course portfolio is to include a passed project plan, attendance at compulsory components and passed oral presentations. An independently executed research project, assessed by the supervisor (according to set criteria). The compulsory components are indicated in the timetable. (13 credits)

The written and oral presentation are to include a long written abstract according to a template, a scientific poster presenting the results in scientifically correct language, oral presentation and defence of the poster, and critical review of a fellow student's poster presentation. (5 credits)

Other forms of assessment can be used, if there are special reasons for this.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass.

Entry requirements

Students must be admitted to a degree programme at the Faculty of Medicine at Lund University and have passed at least 90 credits in their main field of study and completed an independent project in the first cycle worth at least 15 credits.

Subcourses in VMFX75, Preparatory Research School

Applies from V19

- 1801 Course portfolio, 13,0 hp
Grading scale: Fail, Pass
- 1802 Written and oral examination, 5,0 hp
Grading scale: Fail, Pass