



LUND
UNIVERSITY

Faculty of Medicine

LÄLA53, Degree Project 1(Basic Level), 15 credits *Examensarbete 1 (Grundnivå), 15 högskolepoäng* First Cycle / Grundnivå

Details of approval

The syllabus is an old version, approved by The Medical Degree Programme Board on 2016-10-25 and was valid from 2016-10-25, spring semester 2017.

General Information

The course constitutes the final half of Semester 5 of the medical programme. The course is compulsory.

The language of instruction is mainly Swedish, but English may be used both in literature and in the written thesis.

Main field of studies

Medicine

Depth of study relative to the degree requirements

G2E, First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree project for BA/BSc

Learning outcomes

Knowledge and understanding

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

- explain basic concepts and principles with respect to reference management and layout of a scientific article
- explain the meaning of clinical assessments as well as account for laws and regulations that govern such assessments
- explain basic concepts and principles with respect to qualitative method
- explain basic concepts and principles with respect to copyright
- in an advanced way account for the current knowledge situation and for current research in a delimited part of the medical field,

- in an advanced way account for methods applicable in a delimited part of the medical field and for the possibilities and limitations of the methods.

Competence and skills

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

- apply basic concepts and principles with respect to study design, statistics and epidemiology
- apply appropriate search strategies at search of scientific literature
- apply research-ethical concepts, principles, laws and regulations
- formulate a specific issue of relevance for the knowledge development in the main field of study based on the current knowledge situation
- based on specific issue independently search, select and evaluate sources as well as use information from the literature in an advanced study project and in discussion with fellow students
- write a project plan based on an appropriate study design with consideration taken to the issue and the general aim,
- carry out a project based on project plan, compile and analyse his results as well as evaluate importance and limitations of these critically based on issue and method,
- describe scientific methods applicable in the subject area, the possibilities and limitations of the methods as well as explain choice of methods relevant for the advanced study project,
- write an academic paper in Swedish or English as well as a popular summary of this in Swedish,
- independently account orally too and discuss the own advanced study project
- publicly discuss the advanced study project of fellow students by reviewing critically and give constructive feedback orally.

Judgement and approach

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

- make assessments considering research-ethical aspects with specific relevance for the own advanced study project
- assess his knowledge need and take responsibility for his knowledge development in the subject area.

Course content

In a theoretical section, basic knowledge in scientific work is given. During the project work, the students are given occasion of specialisation and broadening their knowledge in fields within which they have special interest. Students may be given training to search for, critically review and compile medical and scientific information from different sources as well as in relevant cases through health care journals, database studies and/or experimental work. The students should before the independent course period formulate an issue based on a general aim, and subsequently write a project plan. During the course, the students should carry out an experimental or clinical project or a literature study and present the work in an academic paper.

Course design

Teaching:

In the theoretical section is given in the form of lectures, seminars and group work basic knowledge in project plan writing, research ethics, study design, statistics, epidemiology, clinical assessments, laws, statutes, qualitative method and interview and survey methods, literature search, scientific essay writing and oral presentation and critical review. All scheduled teaching except lectures is compulsory. In the project part of the course, an independent scientific project is carried out under supervision. Design of project plan that should be accepted by course coordinator before the start of the project.

Assessment

Examination formats:

Written examination extensive research ethics, study design, epidemiology, statistics, qualitative method and interview/questionnaire and copyright. The sections literature search, scientific article and oral presentation are examined within the scope of the project work. Written presentation in the form of partly a project plan, partly an academic paper which also should include a summary in English (abstract) as well as a popular summary in Swedish. The thesis should be presented and defended orally; in addition, critical review and critical review on other student's scientific work are also included.

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

Examinations up to and including semester 2 of the medical degree programme and passed course components up to and including semester 4.

Subcourses in LÄLA53, Degree Project 1(Basic Level)

Applies from V15

- 1501 Written Examination, 3,0 hp
Grading scale: Fail, Pass
- 1502 Project Plan, 1,0 hp
Grading scale: Fail, Pass
- 1503 Thesis, 9,5 hp
Grading scale: Fail, Pass
- 1504 Oral Presentation, 1,0 hp
Grading scale: Fail, Pass
- 1505 Opposition, 0,5 hp
Grading scale: Fail, Pass

Applies from H13

- 1301 Theory, 3,0 hp
Grading scale: Fail, Pass
- 1302 Project Work, 12,0 hp
Grading scale: Fail, Pass