



**Karolinska  
Institutet**

Course syllabus for

# **Biomedical project for exchange students, 30 credits**

Biomedicinskt projektarbete för utbytesstudenter, 30 hp

This course syllabus is valid from autumn 2014.

Please note that the course syllabus is available in the following versions:

Autumn2009 , Autumn2014 , Autumn2015

Course code	2EE088
Course name	Biomedical project for exchange students
Credits	30 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Not applicable
Level	AV - Second cycle
Grading scale	Excellent, Very good, Good, Satisfactory, Sufficient, Fail, Fail
Department	Department of Microbiology, Tumor and Cell Biology
Decided by	Programnämnden för biomedicinprogrammen
Decision date	2009-06-11
Revised by	Programme Committee 7
Last revision	2014-03-28
Course syllabus valid from	Autumn 2014

## **Specific entry requirements**

- A very good command of English.
- At least two years of study at a study programme in Biomedicine or equivalent.

## **Objectives**

The course intends to give the students possibility to under supervision and with independent work plan and carry out a laboratory or qualitative project within the biomedical field.

Upon completion of the course, the student should:

Regarding knowledge and understanding

- be able to acquire and critically review relevant scientific literature in support of broadening and deepening his or her knowledge of the chosen project and its biomedical field,
- be able to establish a plan for an experimental project and be able to explain the choice of methods to solve a pretended scientific issue,

- be able to collect data for compilation and statistical treatment.

#### Regarding skills and ability

- show certain independent, critical and creative thinking,
- be able to apply experimental methods to solve a pretended scientific issue,
- be able to place and evaluate his or her own work in the specific research field of the project and in a broader scientific perspective,
- be able to formulate new scientific issues arisen in connection with the implementation of the project,
- be able to present his or her work in written and oral form.

#### Regarding judgement and approach

- show a professional approach regarding time planning, collegial cooperation and connection between theoretical and practical expertise,
- in a reassuring way and with good order handle scientific material,
- be able to carry out a project work on a research-ethical correct way.

## Content

Individual work with emphasis on practical work. Also included are some literature studies. An individual study plan will be written jointly by the student and supervisor.

## Teaching methods

Individual laboratory work under supervision.

## Examination

The examination consists of written and oral presentation of the results. Graded A-F.

## Other directives

The course language is English.

## Literature and other teaching aids

Scientific literature of relevance for the work, chosen by the supervisor and the student.