



**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 , Spring2016

Course code	1EE075
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	G2 - First cycle 2
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 the opportunity to work under supervision with a scientific project within the biomedical field and thereby practice independent work and apply her/his practical and theoretical expertise.

Upon completion of the course the student should:

Knowledge and understanding

- be able to assimilate scientific literature within the field of the project,
- be able to describe experimental methods used to solve a given scientific question,
- be able to collect data for compilation and statistical treatment.

### Skills and ability

- demonstrate an understanding of independent, critical and creative thinking,
- be able to use experimental methods to solve a given scientific question,
- demonstrate an understanding of how new scientific questions are formulated in connection with the given project, and to be able to put this in perspective to what is known within the specific research field of the project,
- be able to present the project work in written and oral form.

### Assessment ability and attitudes

- demonstrate an understanding of collegial cooperation and connection between theoretical and practical expertise,
- in a reassuring way and with good order handle valuable scientific material,
- be able to carry out a project work in 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

Written and oral presentation of the project.

## 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.