Course syllabus for

Biomedical project for exchange students, 30 credits

Biomedicinskt projektarbete för utbytesstudenter, 30 hp
This course syllabus is valid from autumn 2015.
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	2016-05-17
Course syllabus valid from	Autumn 2015

Specific entry requirements

- A very good command of English.
- At least three years of studies within biomedicine or an equivalent field.

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 competence and skills

- 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 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.