BIMA 39 Professional Development – Methods and Risks

1.5 credits First cycle 1F

General Information

Main field
Biomedicine

Subject
Professional development

Type of course
The course is a compulsory component of semester 3 in the Bachelor’s programme in Biomedicine.

Language of instruction
Swedish

Learning Outcomes

Knowledge and learning
On completion of the course, students shall be able to
- describe the laws and regulations governing laboratory work in terms that a fellow student can understand
- describe the rules concerning genetically modified organisms and biological material in general terms
- describe the environmental aspects of laboratory work in general terms.

Competence and skills
On completion of the course, students shall be able to
- complete and write a risk analysis of a biomedical method description that can be used in practice
- independently provide constructive feedback on the risk analyses of fellow students

Judgement and approach
On completion of the course, students shall be able to
- reflect on their own responsibility for safety in laboratory work.

Course Content
The course provides students with in-depth knowledge of the legislation, risk management and documentation relating to laboratory work.

Instruction and Examination
Lectures on risk assessment, handling of chemicals, genetically modified organisms (GMOs) and other biohazards. Group exercises on risk analysis of the method extracted in BIMA32 (Professional development – Methods and quality assurance).

The assessment is based on a written group assignment, an oral group assignment and individual written feedback on the assignment of another group.

Grades
The grades Pass or Fail are awarded on the course.

Admission Requirements
To be admitted to the course students must have passed Professional development – Methods and quality assurance.

Literature
Compendia, regulations and other material that will be distributed during the course.