BIMA 38 Professional Development – Methods and Quality Assurance

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

- account for the principles of quality assurance in terms that require no previous knowledge of the subject
- reflect on the need for adaptation of methods and documentation to different types of activity.

**Competence and skills**
On completion of the course, students shall be able to

- write a method description based on scientific literature that can be used for practical laboratory work
- explain in their own words in writing what is required of a method to be clinically certified and adapted to GLP principles.
Judgement and approach
On completion of the course, students shall be able to

– reflect on the reasons for the public demands for quality assuring development and production of drugs and analysis of patient material.

Course Content
Method description based on scientific literature and adaptation and quality assurance of these methods in different contexts.

Instruction and Examination
Supervised group exercises in which a method is extracted from research articles. Lectures on GLP/GMP and certification in clinical practice. A supervised group exercise in which the method established in the initial group exercises is to be adapted to GLP/GMP principles.

The assessment is based on a written group assignment and an individual assignment on adaptation to GLP/GMP principles.

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 – introduction to biomedicine.

Literature
Research articles and other material that will be distributed during the course.