BIMA 13 Professional Development – Introduction to Biomedicine

1.5 credits        First cycle 1N

General Information

Main field
Biomedicine

Subject
Professional development

Type of course
The course is a compulsory component of semester 1 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 fundamental regulations and routines concerning laboratory work in terms that a fellow student can understand
  – account for basic computer tools for literature searches and report writing.

Competence and skills
On completion of the course, students shall be able to
  – conduct laboratory work under supervision in accordance with current safety regulations
  – write laboratory reports in a word processor and utilise spreadsheet applications for drawing graphs and making simple calculations
  – explain the profession of biomedicine to non-experts.
Judgement and approach
On completion of the course, students shall be able to
- reflect on their future professional role

Course Content
The course provides students with fundamental knowledge of laboratory work, documentation, report writing and safety risks. It also includes an overview of the future job market and basic training in computer and library use.

Instruction and Examination
Lectures and exercises in safety routines for laboratory work, including basic fire protection and local safety regulations. A supervised computer exercise provides training in the writing of laboratory reports and the production of simple descriptive statistics. The library facilities are introduced by the Faculty of Medicine libraries. Each student is to carry out a one-day study visit to a workplace associated with biomedicine and describe the visit, orally in a group with other students and in an individual written report (1 A4 page).

The assessment is based on the computer exercise report, the oral group description and individual written report of a study visit.

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

Admission Requirements
The admission requirements are the same as those for the Bachelor’s programme in Biomedicine.

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