

Research Studies Board, FUN

## Collecting and Using Biobank Samples in Research, MESAB1F

### Att samla och använda biobanksprover inom forskning

3 credits

Third cycle

#### General information

The aim of this PhD course is to introduce and enrich student understanding of the many aspects related to biobanking. The course is conducted as a collaboration between the University of Copenhagen and Lund University and aims to provide students with a set of tools to help them better understand the multifaceted character of global biobanks and the collaboration between stakeholders in academia, industry and healthcare.

The course lasts one week (five days). Studies are full time and classroom-based and include three days for reading and assimilation and two days for individual assessed assignments.

The course is primarily intended for PhD students, but postdocs may also be admitted if space is available.

#### Language of instruction

English

#### Purpose

The aim of the course is to provide participants with understanding of the multifaceted character of global biobanks and the collaboration between stakeholders in academia, industry and healthcare in the field. The course also gives the participants an opportunity to network with students from Sweden and Denmark as well as with a wide spectrum of international lecturers.

#### Learning outcomes

On completion of the course, the student shall be able to

- describe historical, philosophical, ethical, legal, technical and cultural aspects related to collection, storage, utilisation and dissemination of human tissue samples and health data

- explain the technical, ethical, legal and social aspects of biobanks, including the challenges associated with collaboration between various stakeholders who create and use biobanks
- formulate ethical and legal requirements and discuss them based on biobank utilisation within relevant research areas.

## Course content

The course will provide a Nordic perspective on biobank issues in all areas.

- Review of GDPR in relation to biobanks
- Examples of how biobank samples can be used in healthcare and research
- How biobanks and public registers can be combined
- A visit to the Danish National Biobank in Copenhagen

## Course design

The course includes lectures/seminars, a symposium, study visits, reading assignments, oral and written assignments, as well as a project carried out in groups of 2-4 participants. The project will be presented in writing and orally. Scheduled activities will take place in both Lund and Copenhagen. All scheduled activities are compulsory.

## Assessment

In order to receive a passing grade for the course, active participation in exercises and seminars and a passing grade on written assignments and oral presentations are required.

## Grades

Pass or Fail

## Entry requirements

Admitted to research studies in medicine, science or similar.

## Reading list

Approximately ten research articles, which will be distributed before the start of the course.