



## DEPARTMENT OF CLINICAL NEUROSCIENCE

### **K8F6045, Medical and Psychological Perspectives on Addictive Disorders, 3 credits (hec)**

Medicinska och psykologiska perspektiv på beroendetillstånd, 3 högskolepoäng

*Third-cycle level / Forskarnivå*

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#### **Approval**

This syllabus was approved by the The Committee for Doctoral Education on 2024-09-24, and is valid from spring semester 2025.

#### ***Responsible department***

Department of Clinical Neuroscience, Faculty of Medicine

#### **Prerequisite courses, or equivalent**

No prerequisite courses, or equivalent, demanded for this course.

#### **Purpose & Intended learning outcomes**

The purpose is to provide in-depth knowledge in the field of addiction and to provide the ability to critically evaluate research within the area.

##### ***Knowledge and understanding***

Be able to define key concepts in the field of addiction.

Be able to explain theoretical medical and psychological models for the development of addiction.

Be able to describe different methods for studying addiction and actively discuss the advantages and disadvantages of these methods.

Be able to account for theories and methods regarding different treatment forms in the field of addiction.

##### ***Competence and skills***

Critically and constructively oppose the work of other students.

Critically and constructively reflect on central theories of addiction, treatment methods, and models for studying addictive disorders.

Develop knowledge of addiction from an interdisciplinary perspective.

### ***Judgement and approach***

Critically evaluate scientific articles and arguments within the course's relevant subject areas.

Identify the need for additional knowledge and develop one's competence in the course's areas.

## **Course content**

The doctoral course aims to provide students with an increased understanding of and the ability to explain the following areas:

Addiction from the following perspectives: Epidemiology, Neuroscience, Psychology.

Models and methods for studying addiction, from cell to human.

Theories regarding prevention, psychological and pharmacological treatment.

Harmful effects on the individual and surroundings.

## **Forms of teaching and learning**

The course is delivered in a hybrid format, both digitally and physically. The first lecture block consists of two full days in person, followed by lectures in digital format. The course ends with two full days in person.

The course begins with students preparing a presentation of their own research plan, conducting a review of two other students' presentations of research plans, and reading the course literature. The teaching methods consist of active participation in lectures, group work, discussions, and debates.

### ***Language of instruction***

The course is given alternately in Swedish and English

## **Grading scale**

Pass (G) /Fail (U)

## **Compulsory components & forms of assessment**

Independent work, group work, debates, and discussions are mandatory. The summary of the dissertation work, peer review with a presentation, is also mandatory. The course director will assess if and how absence from mandatory educational components can be compensated. Before the student has participated in the mandatory educational components or made up for absence following the course director's instructions, the study results cannot be fully reported. Absence

from a mandatory educational component may mean that the student cannot make up the session until the next time the course is offered.

### Examination

Active participation in all mandatory elements described above and written completion and oral presentation of a group assignment that involves applying alternative models/theories to an existing research plan.

## Course literature

Articles distributed at the start of the course