



Faculty of Health, Science and Technology
Clinical Medicine

Syllabus

Psychiatry and physiology of behaviour

Course Code:	MDGPB1
Course Title:	Psychiatry and physiology of behaviour <i>Psykiatri och beteendefysiologi</i>
Credits:	7.5
Degree Level:	Undergraduate level
Progressive Specialisation:	First cycle, has only upper-secondary level entry requirements (G1N)

Major Field of Study:

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2021-02-01, and is valid from the Autumn semester 2021 at Karlstad University.

Prerequisites

General admission requirements plus upper secondary level Mathematics 2a/2b/2c and Natural Science 2, or equivalent

Learning Outcomes

The aim of the course is for students to acquire knowledge about biological and psychological processes and interactions, and how these influence the health of individuals.

Upon completion of the course, students should be able to:

- give an account of the physiology behind our most common behaviours,
- give an account of the symptoms, diagnostics, and treatments of common neurological and psychiatric disorders and neurodevelopmental disorders,
- provide a general description of pharmaceutical therapies and other forms of treatment for common neurological and psychiatric disorders, and
- give an account of the difference between an everyday behavioural anomaly and behaviour

associated with illness

Content

Instruction is in the form of lectures and seminars.

The course covers the following:

Motor control, sleep and biorhythms, reproduction, emotions, food and drink consumption, learning and memory, communication, degenerative diseases, stress, eating disorders, anxiety disorders, depression, bipolar disorder, schizophrenia, posttraumatic stress disorder (PTSD), substance abuse and addiction, ADHD, autism spectrum disorder, pharmaceutical therapies and other forms of treatment

Reading List

See separate document.

Examination

Assessment is based on individual written hand-in assignments and seminars.

If students have a decision from Karlstad University entitling them to Targeted Study Support due to a documented disability, the examiner has the right to give such students an adapted examination or to examine them in a different manner.

Grades

One of the grades Distinction (VG), Pass (G), or Fail (U) is awarded in the examination of the course.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

The local regulations for studies at the Bachelor and Master levels at Karlstad University stipulate the obligations and rights of students and staff.