Applied Behaviour Analysis
E-501-ARGR

Year	2nd or 3rd
Semester	Fall
Type of course	Core
Prerequisites	E-113-NAMS
Schedule	3 hours per week for 15 weeks; 6 ECTS
Lecturer	Gunnar Haugen

Content

This course examines the systematic application of interventions based on learning theory to improve socially significant behavioural and developmental disorders in a wide range of settings including education, special education, organizational management, parent training, occupational safety, sports psychology and clinical psychology. The course will also examine the historical development of the field, including its theoretical underpinnings; principles for implementing positive change; single-subject experimental design; and ethical issues in behaviour change.

Learning outcome - On completing the course, each student should be able to:

- Describe and understand the main learning theories which form the basis of applied behaviour analysis.
- Describe how applied behaviour analysis is used on various types of human behaviour and that of other animals in different circumstances.
- Discuss and use the main research designs in applied behaviour analysis.
- Plan and complete a project which consists in defining, measuring, and changing the behaviour of an organism using the methods taught in the course.
- Discuss and give consideration to the main ethical issues which arise when behaviour is changed in a formal manner.
- Find and critically discuss peer-reviewed sources on research in the field of applied behaviour analysis.

Course assessment

In class exams, assignment, and final exam. Grades are given on a 0 – 10 point scale. The minimum grade to pass the course is 5.0. The student needs to get a minimum grade of 5.0 in the final exam and a minimum average grade of 5.0 for all course assessment.

Reading material

Cooper, J. O, Heron, H. E, and Heward, W. L. (2007) *Applied Behavior Analysis (2. ed).* Merrill.

Teaching and learning activities

Lectures, in class exercises and discussions.

Language of instruction	Icelandic