

## **BVGA21, Introduction to Behavioural Science, 60 credits**

*Beteendevetenskaplig grundkurs, 60 högskolepoäng*

**First Cycle / Grundnivå**

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### **Details of approval**

The syllabus was approved by Programme committee for the Bachelor of Science Programme in Behavioural Sciences on 2014-05-07 and was last revised on 2014-05-07. The revised syllabus applies from 2014-09-01, autumn semester 2014.

### **General Information**

The course is given as compulsory course within Behavioural science Bachelor's programme and gives entry requirements to wider programme studies in one of the main fields of study pedagogy, psychology or sociology.

*Language of instruction:* Swedish

*Main field of studies*

*Depth of study relative to the degree requirements*

Education

G1N, First cycle, has only upper-secondary level entry requirements

Sociology

G1N, First cycle, has only upper-secondary level entry requirements

Psychology

G1N, First cycle, has only upper-secondary level entry requirements

### **Learning outcomes**

On completion of the course, the student should

#### **Knowledge and understanding**

Block 1.

Pedagogy

- Show knowledge of central concepts in teaching and learning as scholarship and research domain

- Demonstrate an understanding of the processes through which man be shaped and changed in different social, cultural and historical contexts
- Show knowledge of theories about how values, norms, knowledge and skills arise and be developed in interaction with other people in different situations
- Demonstrate an understanding of the social function of the scientific teaching and learning and relation to the educational placements

## Block 2.

### Psychology

- Show knowledge of which different perspectives the psychology apply on the phenomena one studies, the psychology relation to adjacent subjects and which role the psychology play in the society
- Demonstrate an understanding of psychological processes biological basis that is genes, the brain and the evolution influence on the behaviour
- Show knowledge of learning, memory and thinking
- Show knowledge of human motivational driving forces and emotional reactions
- Demonstrate an understanding of how we see us alone and other and how our behaviour is influenced by the social environment
- Demonstrate an understanding of personality and how individuals are developed emotional and cognitive
- Demonstrate an understanding of how psychological knowledge can be used to promote both physical and mental health

## Block 3.

### Sociology and social psychology

- Show knowledge of basic problem areas within sociology and social psychology
- Show knowledge of central theories and concepts within contemporary and classical sociology and social psychology
- Demonstrate an understanding of the topicality of the sociology and the social psychology when it comes to explain, understand and describe contemporary processes and phenomena (examples:
  - globalisation, consumption, work, media, genders, ethnicity, social differentiation, social change)
- Show knowledge of sociological and socio-psychological perspectives on the relation between individual and society
- Show knowledge of sociological and socio-psychological discussions of how identities are shaped in and through social contexts
- Demonstrate an understanding of the relation of the sociology and the social psychology to other be social- and behavioural sciences

## Block 4.

### Research methodology and advanced study project

- Show knowledge of different forms of knowledge formation
- Demonstrate an understanding of scientific theoretical issues around what scholarship are, what theories are and how they are formed and what constitutes a good scientific explanation
- Demonstrate an understanding of how different science-philosophical starting points characterise both what one research if and how research is carried out in the behavioural sciences teaching and learning, psychology and sociology
- Show knowledge of the most common ways to design a behavioural science study and how the choice of method is connected to the current issue

- Show knowledge of descriptive statistics (mean, standard deviation, variances, etc)
- Show knowledge of correlation and regression analysis and t-test or one-way variation analysis
- Show knowledge of qualitative perspectives on behavioural science research
- Show knowledge of one searches and evaluates scientific information within the behavioural sciences teaching and learning, psychology and sociology

## **Competence and skills**

Block 1.

Pedagogy

- Demonstrate the ability to account for essential preconditions, aims and funds for the upbringing, teaching and learning in different situations

Block 2.

Psychology

- Demonstrate the ability to communicate knowledge in basic psychology to different target groups, also in professional contexts

Block 3.

Sociology and social psychology

- Demonstrate the ability to orally and in writing reproduce his knowledge before different target groups

Block 4.

Research methodology and advanced study project

- Demonstrate the ability to describe the fundamental features of different behavioural science perspectives
- Demonstrate the ability to search, systematise and evaluate information about research in the behavioural sciences teaching and learning, psychology and sociology
- Demonstrate the ability to explain and test the validity claim of theories
- Demonstrate the ability to calculate relationships by means of correlation and regression analysis
- Demonstrate the ability to calculate mean differences with t-tests or one-way variation analysis
- Demonstrate the ability to formulate interview questions and have basic skills in how one analyses the replies by means of qualitative methodology
- Demonstrate the ability to use his knowledge to identify and formulate behavioural science research issues
- Demonstrate the ability to plan, carry out and report a smaller behaviour scientific study of a research issue within the behavioural science research domain

## **Judgement and approach**

Block 1.

Pedagogy

- Demonstrate the ability to critical review and evaluate conditions for learning of people in different situations

## Block 2.

### Psychology

- Demonstrate the ability to apply a psychological perspective on current events in the society

## Block 3.

### Sociology and social psychology

- Demonstrate the ability to identify and apply central sociological and socio-psychological theories and concepts in both academic and professional contexts

## Block 4.

### Research methodology and advanced study project

- Demonstrate the ability to identify behavioural science knowledge fields and behavioural science perspectives and methods
- Demonstrate the ability to apply a critical approach to behavioural science theories and research findings
- Demonstrate the ability to test the validity claims in a ämnesgrundad issue critically
- Demonstrate the ability to decide which of the studied calculation methods that are most appropriate for the analysis of a given problem/data
- Demonstrate the ability to review and discuss reporting of less scientific studies in behavioural science critically

## Course content

Behavioural science basic course intends to give a broad presentation of modern facts and theories within teaching and learning psychology and sociology and I see prepare for further studies in one of the subjects.

The knowledge should give understanding of human external behaviour internal experiences and functioned in larger and smaller groups. The course should also give an introduction to the scientific methods that are used in teaching and learning psychology and sociology.

The course consists of four blocks:

### Block 1 Teaching and learning

Delkurs 1 15 credits Teaching and learning

### Block 2 Psychology

Delkurs 2 10 credits Subject introduction psychology

Delkurs 3 5 credits project work

### Block 3 Sociology

Delkurs 4 7.5 credits Sociological theory introduction

Delkurs 5 7.5 credits Socio-psychological perspective

Block 4 Research methodology

Delkurs 6 10 credits introduction research methodology

Delkurs 7 5 credits advanced study project

The blocks 1 to 3 (modules 1-5) provide advanced knowledge in each subject; relevant theories and research be presented and discussed.

Block 4 (modules 6-7) gives a basic introduction to the scientific methods that are used in teaching and learning psychology or sociology.

The student comes during the course to obtain basic knowledge in the philosophic, sociological and historical aspects of scientific activities knowledge of and training in different methods to make a scientific study and knowledge of data are analysed and be interpreted depending on issue.

Here comes both so-called quantitative and qualitative methods to be in focus.

Apart from this so come the student in groups with other to make a less empirical study where focus is training to integrate the different parts in the course in an individual assignment.

## Course design

The teaching is given in the form of teaching sessions, group work, seminars and laboratory sessions; various types of teaching occurs on the different modules.

Participation in the following parts is compulsory unless special circumstances apply:

Block 1, Pedagogy, examining report seminars; Block 2, psychology, exercises and project supervision that concretise central themes within the subject, Blocks 3, sociology, examination seminars and group work, block 4, method and group work and statistical laboratories where practical demonstrations and exercises are carried out.

Compensation or alternative date for compulsory parts is offered the student who without own fault for example accidents, sudden disease or the like events, not could carry out the compulsory part. This also applies to students who have missed teaching due to a union role as student representative.

## Assessment

Examination takes place through individual home assignments, participating in seminars, project work and written examinations.

Different examination formats are used within the different blocks.

Block 1 is examined through a home exam and a project work.

Block 2 is examined through written examination and project work.

Block 3 is examined through written examination, home exam and written assignments which can be individual and/or group-based.

Block 4 is examined through a written examination, a home exam and a project work.

In connection with the course, three examination sessions are offered: regular tests, re-examinations and the catch-all examination. Within a year of the end of the course, two further re-examinations on the same course content are offered. After this, further re-examination opportunities are offered but in accordance with the current course syllabus.

*Subcourses that are part of this course can be found in an appendix at the end of this document.*

## Grades

Marking scale: Fail, E, D, C, B, A.

As grades on Block 1 module 1, Block 2 module 2, Block 3 module 4 and 5, and Block 4 module 6 are used one of the terms A, B, C, D, E or failed.

Highest grades are denoted with A and lowest grades to pass with E.

Grades for failed results are denoted with failed.

The student's results are assessed from the expected learning outcomes of the course.

For the grade E, the student should show a sufficient results. For the grade D, the student should show a satisfactory results. For the grade C, the student should show a good results. For the grade B, the student should show a very good results. For the grade A, the student should show a characterised results.

For the grade failed, the student has shown an insufficient results.

As grades for Block 2 module 3 (project work psychology) and Blocks 4 module 7 (project work research methodology) are used one of the terms Pass or Fail.

For the grade failed, the student has shown an insufficient results.

For the course grade, a joining of the module grades is made, based on a mean of the included grades for all modules with graded grades (where A = 5, B = 4, C = 3, D = 2 and E = 1).

For a Pass grade (at least E) in the whole course must the student have at least passed (E or, on nongraded part, Pass) on all included modules.

At the start of the course, the students about the expected learning outcomes of the course syllabus and about the grading scale and its application are informed in the course.

## **Entry requirements**

General and courses corresponding to the following Swedish Upper Secondary School Programs: Mathematics 2a/2b/2c and Civics 1b/1a1+1a2.

## Subcourses in BVGA21, Introduction to Behavioural Science

Applies from H14

- 1401 Education, 15,0 hp  
Grading scale: Fail, E, D, C, B, A
- 1402 Introduction to Psychology, 10,0 hp  
Grading scale: Fail, E, D, C, B, A
- 1403 Psychology: Practice, 0,0 hp  
Grading scale: Fail, Pass
- 1404 Psychology: Projectwork, 5,0 hp  
Grading scale: Fail, Pass
- 1405 Introduction to Sociology, 7,5 hp  
Grading scale: Fail, E, D, C, B, A
- 1406 Sociology: Compulsory Component 1, 0,0 hp  
Grading scale: Fail, Pass
- 1407 Sociology: Compulsory Component 2, 0,0 hp  
Grading scale: Fail, Pass
- 1408 Perspectives in Social Psychology, 7,5 hp  
Grading scale: Fail, E, D, C, B, A
- 1409 Sociology: Compulsory component 3, 0,0 hp  
Grading scale: Fail, Pass
- 1410 Sociology: Compulsory Component 4, 0,0 hp  
Grading scale: Fail, Pass
- 1411 Introduction to Research Methods, 10,0 hp  
Grading scale: Fail, E, D, C, B, A
- 1412 Advanced Study Project, 5,0 hp  
Grading scale: Fail, Pass