

SYLLABUS

Critical Thinking and Logic

7.5 credits F0004S

Argumentationsanalys och logik

Course syllabus admitted: Autumn 2018 Sp 1 - Autumn 2019 Sp 2

DECISION DATE
2018-06-15

Critical Thinking and Logic 7.5 credits F0004S

Argumentationsanalys och logik

First cycle, F0004S

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG *	Filosofi	Philosophy

Main field of study

Philosophy

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language

Selection

The selection is based on final school grades or Swedish Scholastic Aptitude Test.

Examiner

Anders Odenstedt

Course Aim

By the end of this course, the student shall be able to:

- apply methods of informal logic; describe and evaluate arguments,
- give accounts of and apply thinking tools belonging to the semantics,
- describe elementary logical concepts and apply propositional logic.

Contents

The course offers basic training in philosophical method. The course consists of the following parts:

Part 1: Informal logic. The basic concepts and methods of informal logic are introduced. Descriptive and evaluative analyses of arguments are carried out.

Part 2: Semantics. This part aims to introduce the fundamental issues and concepts of semantics.

Part 3: Introduction to logic. Logic has, since Aristotle, been proposed as a general theory about valid arguments. In this part, propositional logic is used as a tool for deciding the validity of inferences.

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Teaching consists of lectures and group exercises.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. A written exam constitute the examination for the course.

Overlap

The course F0004S is equal to KSS730

Literature. Valid from Autumn 2018 Sp 1

- Backman, Y., Gardelli, T., Gardelli, V. & Persson, A. (2012). Vetenskapliga tankeverktyg. Lund: Studentlitteratur.
- Björnsson, G., Kihlbom, U. & Ullholm, A. (latest edition). Argumentationsanalys: färdigheter för kritiskt tänkande. Stockholm: Natur & kultur.
- Gardelli, T., Gardelli, V. & Backman, Y. (latest edition). Inledning till logik. (Kompendium.)

Reference literature:

- Prawitz, D. (latest edition). ABC i symbolisk logik. Stockholm: Thales.

Course offered by

Department of Arts, Communication and Learning

Items/credits

No items/credits available

Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

Last revised

by Director of Undergraduate Studies Daniel Örtqvist, Department of Business Administration, Technology and Social Sciences 2018-06-15

Syllabus established

by Institutionen för språk och kultur 2007-01-23