

Data Structures and Algorithms

Datastrukturer och algoritmer

7.5 credits

Single subject and programme course

725G97

Valid from: 2022 Autumn semester

Determined by	Main field of study	
The Quality Board at the Faculty of Arts and Sciences	Information Systems	
Date determined	Course level	Progressive specialisation
2017-09-22	First cycle	G1N
Revised by	Disciplinary domain	
Chairman of the Course and Programme Syllabus Board at the Faculty of Arts and Sciences	Technology	
Revision date	Subject group	
2022-10-19	Informatics/Computer and Systems Sciences	
Offered first time	Offered for the last time	
Autumn semester 2017		
Department	Replaced by	
Institutionen för datavetenskap		

Course offered for

- Master Programme in IT and Management
- Bachelor´s programme in Information Systems Analysis

Entry requirements

General entry requirements for undergraduate studies
and

Social Studies and Mathematics corresponding to the level in Swedish upper secondary education (Samhällskunskap 1b or 1a1 and 1a2 and Matematik 2a/2b/2c or Matematik B)

Examination

If special circumstances prevail, and if it is possible with consideration of the nature of the compulsory component, the examiner may decide to replace the compulsory component with another equivalent component.

If the LiU coordinator for students with disabilities has granted a student the right to an adapted examination for a written examination in an examination hall, the student has the right to it.

If the coordinator has recommended for the student an adapted examination or alternative form of examination, the examiner may grant this if the examiner assesses that it is possible, based on consideration of the course objectives.

An examiner may also decide that an adapted examination or alternative form of examination if the examiner assessed that special circumstances prevail, and the examiner assesses that it is possible while maintaining the objectives of the course.

Students failing an exam covering either the entire course or part of the course twice are entitled to have a new examiner appointed for the reexamination.

Students who have passed an examination may not retake it in order to improve their grades.

Grades

Three-grade scale, U, G, VG

Other information

Planning and implementation of a course must take its starting point in the wording of the syllabus. The course evaluation included in each course must therefore take up the question how well the course agrees with the syllabus.

The course is conducted in such a way that there are equal opportunities with regard to sex, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation and age.

If special circumstances prevail, the vice-chancellor may in a special decision specify the preconditions for temporary deviations from this course syllabus, and delegate the right to take such decisions.