

Syllabus

for course at advanced level

Strategic IT Management
Strategisk IT-management

7.5 Higher Education
Credits
7.5 ECTS credits

Course code:	IB472D
Valid from:	Autumn 2022
Date of approval:	2014-11-24
Changed:	2022-04-25
Department	Department of Computer and Systems Sciences
Main field:	Computer and Systems Sciences
Specialisation:	A1N - Second cycle, has only first-cycle course/s as entry requirements

Decision

This syllabus was approved by the Head of the Department 2014-11-24.
This syllabus was updated 2022-04-25.

Prerequisites and special admittance requirements

90 ECTS in Computer and Systems Sciences (or the equivalent)

Course structure

Examination code	Name	Higher Education Credits
SMIC	Strategic Management of IT, project	3
SMII	Strategic Management of IT, individual assignment	4.5

Course content

The business environment is nowadays a very competitive one that requires the managers to rethink the role that IT and digital technologies are playing in their organizations. To face this high competition on the market the managers are thinking about using IT and digital technologies strategically in their organizations. For this purpose, they will need to have knowledge about strategic management of IT and digital technology to achieve organization's objectives and generate business value from IT and digital investments and use them to create competitive advantage.

The main course topics are:

- The Information Systems Strategy Triangle
- Strategic Use of Information Resources
- Organizational Strategy and Information Systems
- Architecture and Infrastructure
- The Business of Information Technology
- Governance of the Information Systems Organization
- Information Systems Sourcing

Learning outcomes

Upon successful completion of the course, the student should be able to:

- demonstrate an understanding of the knowledge in strategic IT management.

- apply through a project work the knowledge in strategic IT management.
- produce a written scientific report in strategic IT management.

Education

The teaching activities in the course are seminars.

The language of instruction is English.

The teaching activities are distance-based and take place online.

Forms of examination

a. The course is examined through an assignment and project work.

For all tasks, these must be performed and submitted on time according to the schedule for the current course. A missing information can be submitted in connection with a collection event. Alternatively, the student is referred to the next course opportunity.

b. The final grading of the course is based on the following grading scale related to the learning outcomes of the course: A = Excellent, B = Very Good, C = Good, D = Satisfactory, E = Sufficient, Fx = Fail, F = Fail.

c. The grading criteria are communicated to the students at the start of the course.

d. In order to complete the whole course segment the student must obtain at least grade E (or P with Pass/Fail grades) in all course components/examinations.

e. In addition the following regulations also apply:

- Students who obtained grade E in an examination task are not allowed to re-write the examination or resubmit the assignment in order to obtain a higher grade.
- Students who have failed the same examination task twice are allowed to have another examiner appointed, unless there are special reasons to the contrary.

Interim

When a course is discontinued, or its contents are substantially altered, the following applies:

- Failed examination tasks are replaced with other similar examination tasks according to a specific plan.
- If no similar examination tasks can be provided, at least three examination opportunities per examination task should be offered during a period of at least three terms from the date of the decision. After this period, no examinations should be carried out on the course.

Limitations

This course may not be included in a degree together with a course, taken in Sweden or elsewhere, of identical or partially similar content.

Required reading

Information about course literature is available on the department's website - www.dsv.su.se - at least two months before the start of the course.