

Syllabus

for course at advanced level

Monitoring and Controlling IT Projects
Övervakning och kontroll av IT-projekt

**7.5 Higher Education
Credits**
7.5 ECTS credits

Course code:	IB469N
Valid from:	Autumn 2023
Date of approval:	2020-03-31
Changed:	2023-04-20
Department	Department of Computer and Systems Sciences
Main field:	Computer and Systems Sciences
Specialisation:	A1F - Second cycle, has second-cycle course/s as entry requirements

Decision

This syllabus was approved by the Head of the Department 2020-03-31 and was last revised on 2023-04-20.

Prerequisites and special admittance requirements

The student must have passed the following two courses (or equivalent courses)

- IB467N Strategies, Benefit and Alignment 7.5 ECTS
- IB468N Project Methodology and Leadership 7.5 ECTS

Course structure

Examination code	Name	Higher Education Credits
ÖKIH	Monitoring and Controlling IT Projects, take home exam	4
ÖKII	Monitoring and Controlling IT Projects, assignments	3.5
ÖKIU	Monitoring and Controlling IT Projects, assignments	7.5

Course content

The course contains:

- processes for planning and monitoring projects
- methods for follow-up and planning of projects, both Agile and traditional projects
- theory and practice of management control and monitoring including KPIs
- time estimation and methods of estimates.

Learning outcomes

For a passing grade in the course, the student must:

- Explain theory around follow-up of costs, time and goal fulfillment
- Explain and apply different methods for follow-up of projects, both qualitative and quantitative.
- Understand the different project methods' need for follow-up
- Understand how the results of follow-up and management are communicated to stakeholders
- Understand and be able to apply financial control and follow-up models

- Understand and account for methods for planning and time estimates
- Be able to apply methods for planning and time estimation.

Education

The language of instruction is English. The teaching activities are distance-based and take place online. The teaching form is a mixture between teacher-led activities online and self-study via video clips and other media.

Forms of examination

a. The course is examined through written home exam and assignments.

All examination tasks must be performed and submitted on time according to the schedule of the current course. A missed or incomplete examination can be re-submitted at a scheduled time window. Alternatively, the student will have to follow the schedule of next instance of the course.

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.

If there are multiple examinations with grading A to F, the average of the grades is calculated by converting letters into numbers in the following way: A = 4, B = 3, C = 2, D = 1, E = 0. The average is calculated relatively to the number of credits of the various components/examinations and the number of credits of the course. The final grade of the course is thus a weighted average of the course components/examinations. If the average is in between two grades, 2/3 parts of the higher grade are required in order to round up the average.

e. In addition the following regulations also apply:

- Students who obtain grade Fx in a written examination task are allowed to complete a supplementary assignment in order to elevate the grade to E.

The examiner informs the concerned students when the results of the written examination are published. The supplementary assignment has to be submitted within a given deadline and can only be utilized to elevate the grade of the actual examination task.

- 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 entitled 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.