



## Course syllabus

School of Business and Economics  
Department of Economics and Statistics

1NA114 Teman i analytisk finans, 7,5 högskolepoäng  
Topics in Analytical Finance, 7.5 credits

### **Main field of study**

Economics

### **Subject**

Economics

### **Level**

First cycle

### **Progression**

G1F

### **Date of Ratification**

Approved 2024-02-05.

The course syllabus is valid from autumn semester 2024.

### **Prerequisites**

At least 30 credits in Economics, Business Administration, or the equivalent. English 6, or the equivalent

### **Objectives**

After completing this course the student should be able to:

- interpret and evaluate analytical topics in finance
- apply appropriate quantitative methods in analyzing finance related problems
- present and critically review advanced finance related problems in written/oral format
- present and critically review topics in analytical finance in written/oral format

### **Content**

The course contains:

- empirical asset pricing and cross-sections of returns
- portfolio optimization
- sustainable finance
- machine learning in finance

## Type of Instruction

The teaching consists of lectures, computer labs and seminars.

## Examination

The course is assessed with the grades A, B, C, D, E or F.

The course is examined through an individual written assignment 4.5 credits and written group assignments with associated presentations 3 credits.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail.

Resit examination is offered in accordance with Linnaeus University's Local regulations for courses and examination at the first- and second-cycle levels.

In the event that a student with a disability is entitled to special study support, the examiner will decide on adapted or alternative examination arrangements.

## Course Evaluation

A course evaluation should be conducted during the course or in connection with its conclusion. The results and analysis of the completed course evaluation should be promptly communicated to students who have completed the course. Students participating in the next course instance should be informed of the results of the previous course evaluation and any improvements that have been made, no later than at the start of the course.

## Required Reading and Additional Study Material

Scientific articles. About 300 pages.