HÖGSKOLAN VÄST

COURSE SYLLABUS

Course code: **PAI600**

Portfolio Management and Alternative Investment, 7,5 HE credits

Portföljförvaltning och alternativa investeringar, 7,5 hp

Established: 2022-06-02
Established by: School of Business, Economics and IT
Applies from: H22

Learning outcomes

This course examines the characteristics of individual securities as well as the theory and practice of optimally combining securities into portfolios. The course presents the key tools of alternative investment and portfolio management.

Upon completion of the course, students should be able to:

Knowledge and Understanding
- Describe modern portfolio analysis anf general equilibrium theory
- Define the alternative investments including hedge funds, managed futures and other derivatives contracts
- Explain international diversification
- Describe and explain behavioral finance, investor decision making, and asset pricing

Skills and Abilities
- Apply portfolio optimization
- Use modern tools such as equilibrium theory to the management of a portfolio
- Manage bond portfolios and use financial futures and options

Judgement and approach
- Evaluate portfolio results and compare alternative investments

Entry requirements

Bachelor's degree of 180 HE credits with 90 HE credits in the major subject field of Economics with at least 7,5 HE credits in Finance at intermediate level and 7.5 HE credits in Econometrics or Statistics, or equivalent.
Alternatively, a bachelor's degree of 180 HE credits with 90 HE credits in the major subject field of Business Administration, with at least 7,5 HE credits in Micro economics and 7.5 HE credits in Macro economics and at least 7,5 HE credits in Finance at intermediate level and 7.5 HE credits in Econometrics or Statistics, or the equivalent.
Verified knowledge of English corresponding to the course English B/English 6 in the Swedish Upper Secondary School or equivalent

The forms of assessment of student performance

Written individual exam. Detailed instructions, grading criteria, and the schedule for all assessment elements for regular examination and re-examination will be presented in the course description at the course introduction.

Course contents

1. Introduction to portfolio management.
2. Risk, return and quantitative modelling.
3. Capital allocation and efficient diversification.
4. Behavioral aspects of capital markets.
5. Fixed income analysis and portfolio management.
6. Equity analysis and portfolio management.
7. Derivative analysis and portfolio management.
8. Alternative investments in portfolios.
9. Performance evaluation.

Other regulations

Course grading: F/Fx/E/D/C/B/A - Insufficient, Insufficient- more work required before the credit can be awarded, Sufficient, Satisfactory, Good, Very Good, Excellent
Course language: The teaching is conducted in English.

General rules pertaining to examination at University West are available at www.hv.se.

If the student has a decision/recommendation on special support due to disability, the examiner has the right to examine the student in a customized examination form.

Cycle

Second cycle

Progressive specialization

A1N - second cycle, has only first-cycle course/s as entry requirements

Main field of study

Economics