



AI1134 Kapitalmarknader och finansiella instrument 7,5 hp

Capital Markets and Financial Instruments

När kurs inte längre ges har student möjlighet att examineras under ytterligare två läsår.

Fastställande

Kursplan för AI1134 gäller från och med VT09

Betygsskala

A, B, C, D, E, FX, F

Utbildningsnivå

Grundnivå

Huvudområden

Teknik

Särskild behörighet

For students not registered on a KTH programme (180hp/300hp):

- completed upper secondary education including documented proficiency in English (IELTS, TOEFL et al) and university studies of at least 120 Swedish credits out of which 60 Swedish credits in Economics or business administration.

Undervisningsspråk

Undervisningspråk anges i kurstillfällesinformationen i kurs- och programkatalogen.

Lärandemål

To provide students with a basic understanding of the role and nature of financial markets, institutions, and instruments, with emphasis on monetary economics and policy, the markets and valuation of common money, bond, equity, foreign exchange, and derivative securities. Learning outcomes: Upon completion of this course, the student should be able to- Describe what a financial system consists;- Describe distinctive features of a number of financial institutions, primary and secondary markets, and instruments;- Explain and analyze the role and functions of central banks and how central banks determine and set short interest rates;- Explain and analyze transmission mechanisms of monetary policy;- Describe and analyze monetary policy in different regions of the world, particularly in the EU region;- Describe how money can be defined;- Describe models of money supply and demand determination;- Describe theories of interest rate determination, and the structure of interest rates;- Apply standard valuation models to determine the value of bonds, stocks and options;- Compute the profits and payoffs of some popular strategies involving stock and stock options;- Describe the relationship between risk and return, and why diversification helps to reduce risk;- Price risk attaching to individual assets using the CAPM;- Apply basic statistical methods to compute risk and return of single assets as well as portfolios.- Discuss how monetary policy may affect the required rate of return and prices of debt and equity securities.

Kursinnehåll

- Financial system; primary and secondary markets; supply and demand of money; monetary policy; determination of interest rates; risk, return and diversification; Valuation and markets of debt, equity, and derivative securities. Foreign exchange.

Kurslitteratur

- Articles, will be announced at the beginning of the course.
- Ross, Stephen A.; Westerfield, Randolph W.; Jaffe, Jeffrey F. : Corporate finance. 6. ed., rev. pr. : - Boston, Mass. : McGraw-Hill/Irwin, cop. 2002 - xxiv, 932, 20 s. : ill. ISBN: 0-07-115088-9
- Z. Bodie & R. C. Merton. Finance. Prentice Hall. Latest version.

Examination

- TENA - Tentamen, 7,5 hp, betygsskala: A, B, C, D, E, FX, F

Examinator beslutar, baserat på rekommendation från KTH:s handläggare av stöd till studenter med funktionsnedsättning, om eventuell anpassad examination för studenter med dokumenterad, varaktig funktionsnedsättning.

Examinator får medge annan examinationsform vid omexamination av enstaka studenter.

Övriga krav för slutbetyg

One written exam (TEN1; 3cr) and one term paper (INL1; 2cr).

Etiskt förhållningssätt

- Vid grupparbete har alla i gruppen ansvar för gruppens arbete.
- Vid examination ska varje student ärligt redovisa hjälp som erhållits och källor som använts.
- Vid muntlig examination ska varje student kunna redogöra för hela uppgiften och hela lösningen.