UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Dynamic Asset Pricing

2122-1-F1601M054-F1601M059M

Learning objectives

At the end of the course the student will be familiar with the main asset pricing models and the fundamental concepts of modern finance.

Contents

Traditional asset pricing models

Evaluation of risk

Fixed income Assets

Asset Pricing in General Equilibrium

Detailed program

Math preliminaries and general equilibrium

Overview of Pricing Theories

Choices under risk

Measures of risk aversion and their interpretation

Risk Aversion and Investment Choices

Modern Portfolio Theory

Capital Asset Pricing Model

Arrow-Debreu Equilibrium and the CAPM

CCAPM

Arrow-Debreau Pricing: Arbitrage

Martingale Pricing

Term Structure of Interest Rates

APT and Multifactor Models

Prerequisites

Teaching methods

Lectures and tutorials by the instructur

Assessment methods

Written examination

one numerical exercise and

a theory question.

Textbooks and Reading Materials

Lectures slides by the instrutor availlable at

https://sites.google.com/site/andreacolciago/teaching/macro

Book:

Asset Pricing, John Cochrane

Semester

September-January

Teaching language

English