UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Dynamic Asset Pricing

2324-1-F1601M054-F1601M059M

Aims

Familiarize with the main concepts and models of modern finance

Contents

Traditional asset pricing models
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

Maths
Statistics
Inference
Macroeconomics
Microeconomics

Teaching form

lectures and tutorials

Textbook and teaching resource

Lectures slides
www.andreacolciago.com
Book:
Asset Pricing, John Cochrane

Semester

1st

Assessment method

Written examination with numerical exercises

Office hours

by appointment

Sustainable Development Goals