Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
LFM 513	Investment Analysis and Portfolio Theory	1	3	0	0	3	6

Prerequisites	
Admission Requirements	

Language of Instruction	English
Course Type	Elective
Course Level	Masters Degree
Objective	The purpose of this course is to help you experience how to make good use of your money so you will benefit the maximum gain from what you earn. To succeed this purpose, you need to master about the many investment alternatives that are available now and, especially more important, to improve analysing viewpoint and thinking about investments that will remain with you in the years ahead when new and different investment opportunities become available. Because of its dual purpose, the course spent balanced time to both description, applications, and theory. The discussions will be available on investment instruments and operation of capital markets all around the world. The theoretical portion details how you should evaluate current investments and future opportunities to develop a portfolio of investments that will satisfy your risk-return objectives. During the past few decades in the investment field one of the major progresses has been the recognition that one cannot create an optimum investment portfolio by simply cohering numerous individual securities that have attractive risk–return characteristics. Specifically, it has been shown that an investor must consider the relationship among the investments to build an optimum portfolio that will meet investment objectives. The recognition of how to create an optimum portfolio was demonstrated in the derivation of portfolio theory. There will be such applications on investments, portfolio strategies and so on. The participants are encouraged to work on portfolio management and hedging techniques.
Content	Investment and asset allocation; Money markets and security market indexes; Efficient capital markets; An introduction to portfolio management; An introduction to asset pricing models; Multi-factor models of risk and return; Mid-term exam, An introduction to security valuation; Analysis and management of common stocks; Bond fundamentals; The analysis and valuation of bonds; Bond portfolio management strategies; Mathematics of portfolio selection, Different models in portfolio selection, Different models in portfolio selection, Evaluation of portfolio performance. Project Presentations
References	• Reilly, F. K., and Brown, K. C., “Investment Analysis and Portfolio Management”, 10th ed., South-Western, Cengage Learning, Mason 2012. • Bodie, Zvi, Kane, Alex, and Marcus, Alan J., “Investments”, 4th ed., Mc-Graw-Hill, Singapore, 1999.

Theory Topics

Week	Weekly Contents
1	Investment and asset allocation;

Week	Weekly Contents
2	Money markets and security market indexes;
3	Efficient capital markets;
4	An introduction to portfolio management;
5	An introduction to asset pricing models;
6	Multi-factor models of risk and return;
7	An introduction to security valuation;
8	Analysis and management of common stocks;
9	Bond fundamentals; The analysis and valuation of bonds; Bond portfolio management strategies;
10	Mathematics of portfolio selection,
11	Different models in portfolio selection,
12	Different models in portfolio selection,
13	Evaluation of portfolio performance.
14	Project Presentations