

# FB5153: INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT

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## Effective Term

Semester A 2025/26

## Part I Course Overview

### Course Title

Investment Analysis and Portfolio Management

### Subject Code

FB - College of Business (FB)

### Course Number

5153

### Academic Unit

Economics and Finance (EF)

### College/School

College of Business (CB)

### Course Duration

One Semester

### Credit Units

3

### Level

P5, P6 - Postgraduate Degree

### Medium of Instruction

English

### Medium of Assessment

English

### Prerequisites

NIL

### Precursors

FB5040 Corporate Finance, FB5731 Business Analytics and Decision Modelling

### Equivalent Courses

EF5052 Investments

### Exclusive Courses

NIL

## Part II Course Details

### Abstract

This course helps you develop a way of thinking on how individuals make choices among investment alternatives. We will explore the design of optimum portfolios of securities in an uncertain environment and the measurement of their performance over time. Furthermore, the role of international markets and recent developments in investment management will also be discussed. This is not meant to be a 'get-rich-quick' course. It proposes solutions and techniques subjected to real-world data and particular attention will be given to the provision of lasting conceptual frameworks, useful to analyze new ideas and future challenges in the investment environment.

### Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Explain the fundamental characteristics of security markets and investment companies.	10	x	x	x
2	Apply classical portfolio theory to equity investments and integrate the investment with risk attitude.	35	x	x	x
3	Evaluate risk and return using standard asset pricing models to form an optimal portfolio.	35	x	x	x
4	Apply formulated investment strategies for more than equity investment.	20	x	x	x

#### A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

#### A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

#### A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

### Learning and Teaching Activities (LTAs)

LTAs	Brief Description	CILO No.	Hours/week (if applicable)	
1	Lectures	Students will engage in lectures, including case studies, videos, various learning aids, etc., to learn and apply the key concepts in real-world situations.	1, 2, 3, 4	3 hours lecture each week
2	In-class exercises and discussion	Students will discuss key arguments and concepts through interaction with others and do exercises on each topic.	1, 2, 3, 4	

### Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks ("-" for nil entry)	Allow Use of GenAI?
1	Group Projects	1, 2, 3, 4	40	-	No
2	Class Participation	1, 2, 3, 4	10	-	No

**Continuous Assessment (%)**

50

**Examination (%)**

50

**Examination Duration (Hours)**

2

**Assessment Rubrics (AR)****Assessment Task**

Final Exam (for students admitted before Semester A 2022/23 and in Semester A 2024/25 &amp; thereafter)

**Criterion**

Performance in answering questions in the written exam

**Excellent**

(A+, A, A-) Students perform excellently in the test and provide very good answers to test questions.

**Good**

(B+, B, B-) Students perform well in the test and provide good answers to test questions.

**Fair**

(C+, C, C-) Students perform reasonably well in the test and provide some good answers to test questions.

**Marginal**

(D) Students fairly perform in the test and provide some acceptable answers to test questions.

**Failure**

(F) Students perform badly in the test and cannot provide acceptable answers to test questions.

**Assessment Task**

Group Projects (for students admitted before Semester A 2022/23 and in Semester A 2024/25 &amp; thereafter)

**Criterion**

Performance in collaboration and contribution to the project in the area of portfolio investment

**Excellent**

(A+, A, A-) Students perform excellently in contributing knowledge to the project and deal with issues in collaboration.

**Good**

(B+, B, B-) Students perform well in contributing knowledge to the project and deal with issues in collaboration.

**Fair**

(C+, C, C-) Students perform reasonably well in contributing knowledge to the project and deal with issues in collaboration.

**Marginal**

(D) Students fairly perform in contributing knowledge to the project and deal with issues in collaboration.

**Failure**

(F) Students perform badly in contributing knowledge to the project and deal with issues in collaboration.

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**Assessment Task**

Class Participation (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

**Criterion**

Performance in class activities

**Excellent**

(A+, A, A-) Proactively participate in class discussion by offering innovative ideas and asking questions related to the subject of portfolio investment.

**Good**

(B+, B, B-) Proactively participate in class discussion by offering some innovative ideas and asking questions related to the subject of portfolio investment.

**Fair**

(C+, C, C-) Occasionally active when urged to participate in class discussion by offering some acceptable ideas and asking limited questions related to the subject of portfolio investment.

**Marginal**

(D) Reactively participate in class discussion by offering very limited ideas and asking very few questions related to the subject of portfolio investment.

**Failure**

(F) Hardly participate in class discussion and asking no questions related to the subject of portfolio investment.

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**Assessment Task**

Final Exam (for students admitted from Semester A 2022/23 to Summer Term 2024)

**Criterion**

Performance in answering questions in the written exam

**Excellent**

(A+, A, A-) Students perform excellently in the test and provide very good answers to test questions.

**Good**

(B+, B) Students perform well in the test and provide good answers to test questions.

**Marginal**

(B-, C+, C) Students fairly perform in the test and provide some acceptable answers to test questions.

**Failure**

(F) Students perform badly in the test and cannot provide acceptable answers to test questions.

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**Assessment Task**

Group Projects (for students admitted from Semester A 2022/23 to Summer Term 2024)

**Criterion**

Performance in collaboration and contribution to the project in the area of portfolio investment

**Excellent**

(A+, A, A-) Students perform excellently in contributing knowledge to the project and deal with issues in collaboration.

**Good**

(B+, B) Students perform well in contributing knowledge to the project and deal with issues in collaboration.

**Marginal**

(B-, C+, C) Students fairly perform in contributing knowledge to the project and deal with issues in collaboration.

**Failure**

(F) Students perform badly in contributing knowledge to the project and deal with issues in collaboration.

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**Assessment Task**

Class Participation (for students admitted from Semester A 2022/23 to Summer Term 2024)

**Criterion**

Performance in class activities

**Excellent**

(A+, A, A-) Proactively participate in class discussion by offering innovative ideas and asking questions related to the subject of portfolio investment.

**Good**

(B+, B) Proactively participate in class discussion by offering some innovative ideas and asking questions related to the subject of portfolio investment.

**Marginal**

(B-, C+, C) Reactively participate in class discussion by offering very limited ideas and asking very few questions related to the subject of portfolio investment.

**Failure**

(F) Hardly participate in class discussion and asking no questions related to the subject of portfolio investment.

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## Part III Other Information

**Keyword Syllabus**

- 1 - Introduction and basic concepts
- 2 - Portfolio analysis and diversification
- 3 - Implementation of portfolio theory
- 4 - Equity analysis
- 5 - Performance measurement
- 6 - Bond portfolio management
- 7 - Active portfolio management
- 8 - Strategic and Tactical Asset Allocation
- 9 - Issues in international portfolio management

10 - Recent developments

**Reading List**

**Compulsory Readings**

Title	
1	NIL

**Additional Readings**

Title	
1	Bodie, Z., Kane, A, Marcus, A. J. and Jain, R. (2014), Investments, 9th Asia Global Edition, McGraw-Hill. [BKMJ]
2	Any other recommended readings indicated in class and/or in the lecture notes.