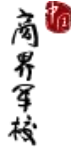




PHBS
北京大学汇丰商学院



FIN522

Fixed Income Securities

Module 1, 2022-2023

Course Information

Instructor: Dr. Baixiao Liu

Office: PHBS Building, Room 704

Phone: 86-755-2603-7739

Email: baixiao.liu@phbs.pku.edu.cn

Office Hours: T/F 2:00pm to 4:00pm

Course Website:

Course Management System (CMS): FIN522 – Fixed Income Securities

Course code and enrollment key are both: FIN522

1. Course Description

1.1 Context

Course overview: the goals of this course are to describe important fixed income securities and markets, and develop tools for valuing fixed income securities and managing interest rate risk. The course covers traditional bonds and term structure concepts as well as fixed income derivatives and interest rate modelling.

- Introduce important fixed income securities
- Develop tools for pricing and hedging the fixed income securities
- Discuss tools for managing interest rate risk
- Introduce term structure models

The study of fixed income securities is quantitative by nature and the material in this course is very technical. Students should have a background in basic finance and should be comfortable using math and working with numbers. Please keep this in mind in deciding whether to take the course.

Prerequisites: Students are required to have completed the prerequisite courses, as specified by PHBS.

1.2 Textbooks and Reading Materials

There is no required textbook for this course. The main references are <Bond Markets, Analysis, and Strategies>, 9th Edition, by Frank J. Fabozzi (ISBN: 9780133796773).

2. Learning Outcomes

2.1 Intended Learning Outcomes

Learning Goals	Objectives	Assessment
1. Our graduates will be effective communicators.	1.1. Our students will produce quality business and research-oriented documents.	Yes
	1.2. Students are able to professionally present their ideas and also logically explain and defend their argument.	Yes
2. Our graduates will be skilled in team work and leadership.	2.1. Students will be able to lead and participate in group for projects, discussion, and presentation.	Yes
	2.2. Students will be able to apply leadership theories and related skills.	Yes
3. Our graduates will be trained in ethics.	3.1. In a case setting, students will use appropriate techniques to analyze business problems and identify the ethical aspects, provide a solution and defend it.	Yes, with respect to ethical practices in research
	3.2. Our students will practice ethics in the duration of the program.	Yes
4. Our graduates will have a global perspective.	4.1. Students will have an international exposure.	Yes
5. Our graduates will be skilled in problem-solving and critical thinking.	5.1. Our students will have a good understanding of fundamental theories in their fields.	Yes
	5.2. Our students will be prepared to face problems in various business settings and find solutions.	Yes
	5.3. Our students will demonstrate competency in critical thinking.	Yes

2.2 Assessment/Grading Details

Assessment	Weighting
Attendance	10%
Participation	10%
Term paper	40%
Final exam	40%
Total	100%

Attendance (10%): It is important that every student attends every class, arriving on time. Attendance will be taken at the **start** of every class, and anyone not present will be marked absent. If you **come late** or **leave early** the attendance will be marked as **absent**. Your first absence will be excused. But two or more absences, for any reason, may negatively impact your attendance grade.

Participation (10%): This grade reflects **my** judgment of your contribution to our learning environment. The grades take into account (1) the *frequency* of your questions and responses in class, (2) their *quality* (e.g., relevance to course materials; insights that differ from others' points of view; elaboration or clarification of others' opinions), and (3) the *professionalism* of your conduct (e.g., no side conversations, no cell phones, preparedness, and respect to your fellow students and their contributions). Note that an interactive environment is not only essential to learning, but also makes the class a more interesting experience.

Term paper (40%): A term paper designed to examine your basic understanding of the key course material.

Final Exam (40%): A cumulative final exam designed to examine your basic understanding of the key course material.

2.3 Academic Honesty and Plagiarism

It is important for a student's effort and credit to be recognized through class assessment. Credits earned for a student work due to efforts done by others are clearly unfair. Deliberate dishonesty is considered academic misconducts, which include plagiarism; cheating on assignments or examinations; engaging in unauthorized collaboration on academic work; taking, acquiring, or using test materials without faculty permission; submitting false or incomplete records of academic achievement; acting alone or in cooperation with another to falsify records or to obtain dishonestly grades, honours, awards, or professional endorsement; or altering, forging, or misusing a University academic record; or fabricating or falsifying of data, research procedures, or data analysis.

All assessments are subject to academic misconduct check. Misconduct check may include reproducing the assessment, providing a copy to another member of faculty, and/or communicate a copy of this assignment to the PHBS Discipline Committee. A suspected plagiarized document/assignment submitted to a plagiarism checking service may be kept in its database for future reference purpose.

Where violation is suspected, penalties will be implemented. The penalties for academic misconduct may include: deduction of honour points, a mark of zero on the assessment, a fail grade for the whole course, and reference of the matter to the Peking University Registrar.

For more information of plagiarism, please refer to *PHBS Student Handbook*.