

# International Finance

**Department:** Fudan International Summer Session 2026

<b>Course Code</b>		GEIS30008			
<b>Course Title</b>		International Finance			
<b>Credit</b>	2	<b>Experiment (including Computer) Credit</b>		<b>Practice Credit</b>	<b>Aesthetic Education Credit</b>
<b>Credit Hours Per Week</b>	9 credit hours per week, 36+3 tutorial hours (one credit hour is 45 minutes)	<b>Education on The Hard- Working Spirit Credit Hours</b>	<b>Language of Instruction</b>		<b>Honors Course</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Course Type</b>		<input type="checkbox"/> Core General Education Course <input type="checkbox"/> Specific General Education Course <input type="checkbox"/> Basic Course in General Discipline <input checked="" type="checkbox"/> Others			<b>2+X Major :</b> <input type="checkbox"/> Professional Core Course <input type="checkbox"/> Professional Advanced Course  <b>Non 2+X Major :</b> <input type="checkbox"/> Professional Compulsory Course <input type="checkbox"/> Professional Elective Course
<b>Course Objectives</b>		After completing this course, students are expected to understand the structure and functioning of international financial markets, the determination of exchange rates and the balance of payments, and the effectiveness of monetary and fiscal policy in an open economy. Students will also develop the ability to critically assess contemporary challenges in the global financial system and to apply theoretical frameworks to real-world scenarios.			
<b>Course Description</b>		This course covers the theoretical foundations of international finance — including balance of payments, exchange rate determination, and open-economy macroeconomics — alongside contemporary developments in the global financial system. Lectures incorporate interactive data demonstrations and real-world case studies. The course is designed for students from diverse academic backgrounds seeking practical, career-relevant knowledge in international finance.			
<b>Course Requirements:</b>					

Prerequisites: Principles of Economics or Principles of Macroeconomics (recommended but not required).

**Teaching Methods:**

Lectures with interactive data demonstrations and case studies.

**Course Director's Academic Background:**

Dr. Stavros K. Stavroglou, Assistant Professor in FinTech, University of Edinburgh Business School, U.K. Ph.D. in Applied Mathematics (Distinction: Most Prestigious Publication Award), University of Liverpool, U.K. Visiting Scholar at the California Institute of Technology (Caltech). Published in the Proceedings of the National Academy of Sciences (PNAS) on hidden causal interactions in financial markets. Developer of 'Pattern Causality' (methodology for detecting systemic risks in financial networks) and 'PillarScape' (novel AI forecasting architecture). Managing Director of Pylos Consulting Ltd (financial risk modelling and credit risk optimization for banking and FinTech). Professor of the Year (2024, 2025), University of Edinburgh. Co-organizer of the QFRA Conference (Quantitative Finance & Risk Analysis).  
Email: stavros.stavroglou@ed.ac.uk

**Instructor's Academic Background:**

Same as Course Director above.

**Members of Teaching Team**

Name	Gender	Professional Title	Department	Responsibility
Stavros K. Stavroglou	Male	Assistant Professor	University of Edinburgh Business School	Lectures, course design, assessment

**Course Schedule**

Day	Topic
1	Introduction to International Finance & the Balance of Payments
2	Foreign Exchange Markets & Exchange Rates
3	Money, Interest Rates & Exchange Rate Determination
4	Price Levels & Purchasing Power Parity
5	Open-Economy Macroeconomics (Mundell-Fleming)

6	Exchange Rate Regimes & Currency Unions
7	Currency Crises & Financial Contagion
8	Sovereign Debt & Emerging Markets
9	Digital Finance: CBDCs, Stablecoins & Cross-Border Payments
10	Geopolitical Finance, AI & the Future of International Finance
11	Group Presentations
12	Final Examination

**The design of class discussion or exercise, practice, experience and so on:**

Lectures incorporate real-world case studies and interactive data demonstrations connecting theory to contemporary events in international financial markets. Three case study exercises (Days 2, 5, 8) let students explore real data through guided interactive notebooks. A group project culminates in presentations on Day 11. Students are encouraged to engage in class discussions and critical analysis of current developments.

**If you need a TA, please indicate the assignment of assistant:**

A teaching assistant is requested to support in-class activities, manage attendance records, and assist with general course logistics.

**Grading & Evaluation:**

1. Attendance and Participation: 10%

Students are required to attend all lectures. Attendance is recorded each session. Active participation in class discussions is encouraged.

2. Case Study Exercises: 15%

Three in-class exercises (Days 2, 5, 8) where students analyse real financial data using guided interactive notebooks. Grading is based on economic interpretation, not programming ability. No prior coding experience required.

3. Group Report & Presentation: 30%

Groups of 4–6 students analyse a country’s currency and financial position, applying at least two theoretical frameworks from the course. Written report (minimum 2,500 words) plus a 15-minute group presentation on Day 11. Individual contribution statements required.

4. Final Examination: 45%

A two-hour closed-book examination with short-answer and essay questions covering both theoretical understanding and real-world application.

**Usage of Textbook** :  Yes (complete textbook information form below)  No

**Textbook Information** (No more than two textbooks) :

Title	Author	ISBN	Publishing	Publisher	Type I	Type II
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			<b>Time</b>			
International Economics: Theory and Policy	Krugman, Obstfeld, Melitz	978-0-13-551979-1	2022	Pearson	<input type="checkbox"/> Self-compiled Textbook (Published) <input checked="" type="checkbox"/> Non-mainland Textbook <input type="checkbox"/> Other Textbook (Published)	<input type="checkbox"/> National Planning Textbook <input type="checkbox"/> Provincial and Ministerial Planning Textbook <input type="checkbox"/> School Level Planning Textbook <input type="checkbox"/> Others
					<input type="checkbox"/> Self-compiled Textbook (Published) <input type="checkbox"/> Non-mainland Textbook <input type="checkbox"/> Other Textbook (Published)	<input type="checkbox"/> National Planning Textbook <input type="checkbox"/> Provincial and Ministerial Planning Textbook <input type="checkbox"/> School Level Planning Textbook <input type="checkbox"/> Others

**Teaching Materials & References:**

1. Krugman, P.R., Obstfeld, M. and Melitz, M.J. International Economics: Theory and Policy (International Finance Part), 12th Edition. Pearson, 2022.
2. Bekaert, G. and Hodrick, R.J. International Financial Management, 3rd Edition. Cambridge University Press, 2017.
3. Pilbeam, K. International Finance, 5th Edition. Bloomsbury Publishing, 2023.
4. Bank for International Settlements (BIS). Triennial Central Bank Survey of Foreign Exchange and OTC Derivatives Markets. 2025.
5. International Monetary Fund (IMF). Global Financial Stability Report, October 2025.
6. Selected journal articles and BIS/IMF working papers on digital currencies, financial fragmentation, and AI in finance (provided digitally via course platform).