



**FINANCIAL  
MARKETS  
ASSOCIATION  
of SINGAPORE**  
Affiliated to ACI FMA

# **INTERNSHIP PREPARATION COURSE FOR THE FINANCIAL MARKETS - COURSE PROSPECTUS**

**Financial Markets Association of Singapore**

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# INTERNSHIP PREPARATION COURSE FOR THE FINANCIAL MARKETS – COURSE PROSPECTUS

## Internship Preparation Course for The Financial Markets

**Organised by :** Financial Markets Association of Singapore

**Course Dates :** 27 to 31 July 2026

**Locations :** Bloomberg | DBS | Dymon Asia Capital

**Duration :** 5 Days

**Target Audience :** First and second-year undergraduates, fresh graduates interested in pursuing a career in financial markets.

**Course Fee :** \$950 + 9% GST (subject to change)

### Overview:

The Financial Markets Association of Singapore is launching a Preparation Course to familiarize first and second-year undergraduates as well as fresh graduates looking to enter the financial markets, by equipping them with the necessary skills and knowledge to excel in financial markets internship applications and future internships.

### Course Objectives:

The program is designed to familiarize participants with the core areas of the financial markets, enhance their domain knowledge, and help them develop the technical skills required for internships. The course will provide participants with real-world case studies, financial calculations, and project-based learning to simulate actual industry job scopes.

### Course Structure:

The course consists of training delivered by experienced professionals from leading global financial institutions. Below is a summary of the course :

S/N	Topic	Trainer	Date	Venue	Objective
1	Market Structure and Trading Strategies	Mr Li Zhen & DBS Team	27.7.26	DBS	Introduction to Market Structure and Trading Strategies
	Digital Assets	Mr Kelvin Tan			Learn how traditional finance is adopting digital assets
2	Artificial Intelligence (AI)	Dr Suwandi Lie	28.7.26	Bloomberg	AI for Financial Markets
3	Presentation Skills	Mr Lee Chin Wee	28.7.26	Bloomberg	Master the art of presenting a pitch
4	Introduction to FX, Options and Forwards	Mr John Lagman	29.7.26	Bloomberg	Options and forwards math and building calculators
5	Introduction to Interest Rate Markets	Dr Chen Yuan	30.7.26	Bloomberg	Introduction to Interest Rate Markets
6a	Hedge Funds	Mr Sian Goh	31.7.26	Dymon Asia	Have an idea of what goes on in hedge funds
6b	Geopolitics				Learn why geopolitics influences how markets move
7	Project Presentation to Panel & Networking Session		31.7.26	Bloomberg	Putting everything you've learnt to the test. Presenting a trade idea with the use of AI.

# INTERNSHIP PREPARATION COURSE FOR THE FINANCIAL MARKETS – COURSE PROSPECTUS

## Day 1

### i. Introduction to Market Structure and Trading Strategies for Different Asset Classes (3 hours)

Trainer: Mr Li Zhen, Managing Director, Head of Foreign Exchange, Global Financial Markets of DBS Bank and DBS Team

Objective : Understand the role of a sell-side trader, and learn to build trading strategies

### ii. Digital Assets (3 hours)

Trainer: Mr Kelvin Tan, Head of Innovation for GFM of DBS Bank

#### 1. Introduction to Digital Assets

- What are Digital Assets?
- Defining digital assets (cryptocurrencies, stablecoins, security tokens, NFTs)
- Distinguishing them from traditional assets
- Key properties: decentralization, programmability, transparency
- Overview of blockchain technology as the underlying infrastructure
- Types of Digital Assets
- Categories of digital assets and their unique characteristics
- Examples and use cases for each
- The Rise of Digital Assets
- Evolution of digital assets, key milestones, and contributing factors
- Growing institutional interest in digital assets
- Q&A

#### 2. Traditional Finance's Embrace of Digital Assets

- Drivers of Adoption
- Why traditional financial institutions are increasingly adopting digital assets
- Benefits: improved efficiency, reduced costs, new revenue streams, competitive pressures
- Applications in Traditional Finance
- Payment Systems: Faster, cheaper, and more efficient cross-border payments
- Investment Management: Integration of digital assets into investment portfolios (crypto funds, ETFs)
- Securities and Real-World Asset Tokenization: Tokenization for securities and real-world assets, and its potential for liquidity and trading efficiency
- Case Studies
- Real-world examples of traditional financial institutions incorporating digital assets
- Examples: banks offering crypto custody services, investment firms launching crypto funds



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## 3. Challenges and Risks

- Regulatory Uncertainty
- Ongoing regulatory developments surrounding digital assets
- Challenges faced by traditional finance in navigating this uncertain landscape
- Risks and Mitigation
- Key risks: public vs private blockchains, security breaches, legal complexities
- Risk mitigation strategies
- Q&A

## 4. Future Outlook and Conclusion

- Future Trends
- Predicting future developments at the intersection of traditional finance and digital assets
- Evolution of DeFi, rise of central bank digital currencies (CBDCs), broader blockchain integration in financial systems
- Wrap-up and Discussion
- Summarizing key takeaways
- Final Q&A



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## **Day 2**

### **i. Artificial Intelligence (AI) for Financial Markets (5 hours)**

Trainer : Dr Suwandi Lie

### **ii. Presentation Skills : Master the Art of Presenting a Pitch (2.5 hours)**

Trainer: Mr Lee Chin Wee, Dymon Asia Capital



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## Day 3

### i. FX Options and Forwards (7 hours)

Trainer: Mr John Lagman, Bloomberg Market and Product Specialist

#### 1. FX Forwards, Swaps and Implied Yields and Basis (1.5 hours)

- Continuation of the discussion on FX Forwards & FX Swaps from the Introduction to Financial Markets Course
- FX Implied Yields and Implied Basis introduced
- Build an FX Forward/FX Swap Calculator and an FX Implied Yield and Implied Basis calculator

#### 2. FX Option Basics (1.25 hours)

- What is an Option?
- Define Call & Put with payoff diagrams
- Put Call Parity
- Contract Details
- Value
  - Intrinsic value
  - Time value

#### 3. FX Option Pricing theory (1.5 hours)

- Discussion on Pricing variables and Value
- Black Scholes
  - Adjustments

#### 4. Option Greeks (1.5 hours)

- Introduction to Option Greeks
- Discuss how they change with the change in the different variables

#### 5. Practical Use of options (1.25 hours)

- Combinations: Straddles, Spreads, Butterflies, etc.
  - Use for trading purposes
- Hedging
  - Vanilla hedging Structures
- FX Structured Products
  - DCI/DCD
  - Participation Linked Notes



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## **Day 4**

### **Introduction to Interest Rate Markets (7 hours)**

Trainer: Dr Chen Yuan, Head of Interest Rate and Credit Trading of Maybank

#### **1. The Federal Reserve and Monetary Policy (4 hours)**

- Organizational Structure and their Dual Mandate
- Policy Toolbox and Market Implications
- Reaction Function
- Key Policy Rates
- Case Studies
- FOMC Simulation Game

#### **2. Fixed Income and Interest Rate Markets (3 hours)**

- Supply and Demand Dynamics
- Market Protocols and Conventions
- Repo, Reverse Repo, and SOFR Rates
- Interest Rate Swap and Swap Spreads
- Drivers of Interest Rates
- Deep Dive into Yield Curve



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## Day 5

### i. Hedge Funds (1.5 hours)

Trainer: Mr Sian Goh, Dymon Asia Capital Head of Research and Strategy

1. Overview of hedge funds
2. Structures, and operations.
3. Hedge Fund Strategies
4. Research process
5. Trends and Innovations in Hedge Funds

### ii. Geopolitics (1 hour)

Trainer: Mr Sian Goh, Dymon Asia Capital Head of Research and Strategy

1. Understanding the influence of geopolitics on financial markets and global economies.
2. The Big Players: Power in the 21<sup>st</sup> Century
3. Key Flashpoints and Trends



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## PROJECT AND PRESENTATION:

To ensure that participants can apply their new knowledge, participants will develop a trade idea with the use of AI, and present it to a panel of senior financial markets practitioners.

## OUTCOME:

By the end of the course, participants will have developed key technical and analytics skills relevant to the industry. These skills include:

- 1. Trading Strategies:** Learn fundamental approaches to trading, including directional, relative value, and options strategies, and understand how to apply them in various market conditions.
- 2. Artificial Intelligence (AI):** Develop AI skill for financial markets.
- 3. Presentation Skills:** Master the Art of Presenting a Pitch
- 4. Options, Forwards & Hedge Funds:** Explore advanced derivatives like options and forwards, and gain insights into hedge fund operations and alternative investment strategies.
- 5. Interest Rate Markets:** Understand The Federal Reserve and Monetary Policy and Fixed Income and Interest Rate Markets
- 6. Geopolitics & Digital Assets:** Analyse how global political events influence markets and explore emerging trends in digital assets, including the adoption of blockchain technology and cryptocurrencies in traditional finance.



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