



# Contents

## **PART 1 Global Financial Environment 21**

### **Chapter 1 Multinational Financial Management: Opportunities and Challenges 22**

- 1.1 Financial Globalization and Risk 23
- 1.2 The Global Financial Marketplace 24
- GLOBAL FINANCE IN PRACTICE 1.1** The Rocketing Swiss Franc 28
- 1.3 The Theory of Comparative Advantage 31
- 1.4 What Is Different About International Financial Management? 32
- GLOBAL FINANCE IN PRACTICE 1.2** The Peso, Dollar, Yen—and Pokémon Go 33
- 1.5 The Globalization Process 35
- GLOBAL FINANCE IN PRACTICE 1.3** ESG Investment 39
- Summary Points 39
- MINI-CASE:** Crowdfunding Kenya 40
- Questions 43
- Problems 43
- Internet Exercises 47

### **Chapter 2 The International Monetary System 48**

- 2.1 History of the International Monetary System 48
- GLOBAL FINANCE IN PRACTICE 2.1** Hammering Out an Agreement at Bretton Woods 51
- GLOBAL FINANCE IN PRACTICE 2.2** Supranational Currencies 52
- 2.2 Fixed Versus Flexible Exchange Rates 58
- 2.3 The Impossible Trinity 58
- 2.4 A Single Currency for Europe: The Euro 60
- 2.5 Emerging Markets and Regime Choices 62
- GLOBAL FINANCE IN PRACTICE 2.3** Bulgarian Currency Board and Accession to the Euro Zone 66
- Summary Points 70
- MINI-CASE:** Iceland—A Small Country in a Global Crisis 71
- Questions 76
- Problems 76
- Internet Exercises 78

### **Chapter 3 The Balance of Payments 80**

- 3.1 Fundamentals of BOP Accounting 81
- 3.2 The Accounts of the Balance of Payments 83
- GLOBAL FINANCE IN PRACTICE 3.1** The Global Current Account Surplus 85
- GLOBAL FINANCE IN PRACTICE 3.2** Germany's Net International Investment Position (NIIP) 88
- 3.3 BOP Impacts on Key Macroeconomic Rates 91
- 3.4 Trade Balances and Exchange Rates 92
- 3.5 Capital Mobility 95
- Summary Points 100
- MINI-CASE:** Global Remittances 101
- Questions 105
- Problems 106
- Internet Exercises 109

## **Chapter 4 Financial Goals and Corporate Governance 110**

- 4.1 Ownership 110
- GLOBAL FINANCE IN PRACTICE 4.1** Why Did Apple Start Paying a Dividend and Raising Debt? 117
- 4.2 Publicly Traded Versus Privately Held: The Global Shift 119
- 4.3 Corporate Governance 122
- GLOBAL FINANCE IN PRACTICE 4.2** Why Did Dell Go Private? 122
- GLOBAL FINANCE IN PRACTICE 4.3** Italian Cross-Shareholding and the End of the Salatto Buono 127
- GLOBAL FINANCE IN PRACTICE 4.4** Corporate Governance Models 129
- Summary Points 130
- MINI-CASE:** Volkswagen's Defeat Devices and Stakeholder Control 131
- Questions 135
- Problems 136
- Internet Exercises 139

## **PART 2 Foreign Exchange Theory and Markets 141**

### **Chapter 5 The Foreign Exchange Market 142**

- 5.1 Functions of the Foreign Exchange Market 142
- 5.2 Structure of the Foreign Exchange Market 143
- GLOBAL FINANCE IN PRACTICE 5.1** Bankhaus Herstatt and Herstatt Risk 144
- GLOBAL FINANCE IN PRACTICE 5.2** Malware, Bangladesh Bank, and Banker's Hours—2016 150
- 5.3 Transactions in the Foreign Exchange Market 151
- GLOBAL FINANCE IN PRACTICE 5.3** The FX Global Code of Conduct 2016 151
- 5.4 Foreign Exchange Rates and Quotations 156
- Summary Points 164
- MINI-CASE:** The Venezuelan Bolivar Black Market 164
- Questions 167
- Problems 168
- Internet Exercises 171

### **Chapter 6 International Parity Conditions 172**

- 6.1 Prices and Exchange Rates 173
- GLOBAL FINANCE IN PRACTICE 6.1** The Immiseration of the North Korean People—The "Revaluation" of the North Korean Won 175
- 6.2 Interest Rates and Exchange Rates 179
- GLOBAL FINANCE IN PRACTICE 6.2** Was 2016 the Year of Textbook Failure? 181
- 6.3 Forward Rate as an Unbiased Predictor of the Future Spot Rate 189
- GLOBAL FINANCE IN PRACTICE 6.3** Mortgages and the Swiss Franc 190
- 6.4 Prices, Interest Rates, and Exchange Rates in Equilibrium 191
- Summary Points 193
- MINI-CASE:** Mrs. Watanabe and the Japanese Yen Carry Trade 193
- Questions 196
- Problems 197
- Internet Exercises 201
- Appendix: An Algebraic Primer to International Parity Conditions 203

### **Chapter 7 Foreign Currency Derivatives: Futures and Options 206**

- 7.1 Foreign Currency Futures 207
- 7.2 Currency Options 209
- GLOBAL FINANCE IN PRACTICE 7.1** Euro-Renminbi (EUR-RMB) Options Growth 211
- GLOBAL FINANCE IN PRACTICE 7.2** The New Zealand Kiwi, Key, and Krieger 217

7.3	Option Pricing and Valuation	217
	Summary Points	222
	<b>MINI-CASE:</b> KiKos and the South Korean Won	223
	Questions	225
	Problems	226
	Internet Exercises	228

## **Chapter 8 Interest Rate Risk and Swaps 230**

8.1	Interest Rate Foundations	230
	<b>GLOBAL FINANCE IN PRACTICE 8.1</b> The Trouble with LIBOR	231
	<b>GLOBAL FINANCE IN PRACTICE 8.2</b> European Sovereign Debt	236
8.2	Interest Rate Risk	237
8.3	Interest Rate Futures and FRAs	240
8.4	Interest Rate Swaps	242
	<b>GLOBAL FINANCE IN PRACTICE 8.3</b> Procter & Gamble and Bankers Trust	250
	Summary Points	251
	<b>MINI-CASE:</b> Argentina and the Vulture Funds	251
	Questions	256
	Problems	256
	Internet Exercises	260

## **Chapter 9 Foreign Exchange Rate Determination and Intervention 261**

9.1	Exchange Rate Determination: The Theoretical Thread	262
	<b>GLOBAL FINANCE IN PRACTICE 9.1</b> Technical Analysis of the JPY/USD Rate (Jan 2011–Feb 2014)	265
9.2	Currency Market Intervention	266
	<b>GLOBAL FINANCE IN PRACTICE 9.2</b> Rules of Thumb for Effective Intervention	269
9.3	Disequilibrium: Exchange Rates in Emerging Markets	271
	<b>GLOBAL FINANCE IN PRACTICE 9.3</b> The European Monetary System's "Snake in a Tunnel"	272
	<b>GLOBAL FINANCE IN PRACTICE 9.4</b> Was George Soros to Blame for the Asian Crisis?	275
9.4	Forecasting in Practice	277
	Summary Points	281
	<b>MINI-CASE:</b> Russian Ruble Roulette	282
	Questions	284
	Problems	285
	Internet Exercises	289

## **PART 3 Foreign Exchange Exposure 291**

### **Chapter 10 Transaction Exposure 292**

10.1	Types of Foreign Exchange Exposure	292
10.2	Why Hedge?	293
	<b>GLOBAL FINANCE IN PRACTICE 10.1</b> Hedging and the German Automobile Industry	296
10.3	Transaction Exposure	296
10.4	Transaction Exposure Management: The Case of Aidan	298
	<b>GLOBAL FINANCE IN PRACTICE 10.2</b> Currency Losses at Greenpeace	301
	<b>GLOBAL FINANCE IN PRACTICE 10.3</b> Forward Rates and the Cost of Hedging	306
10.5	Risk Management in Practice	307
	<b>GLOBAL FINANCE IN PRACTICE 10.4</b> The Credit Crisis and Option Volatilities in 2009	308
	Summary Points	309
	<b>MINI-CASE:</b> China Noah Corporation	309
	Questions	315
	Problems	315
	Internet Exercises	320

**Chapter 11 Translation Exposure 321**

- 11.1 Overview of Translation 321
- 11.2 Translation Methods 324
- 11.3 Aidan Corporation's Translation Exposure 328
- GLOBAL FINANCE IN PRACTICE 11.1** When the Hedge Becomes the Problem 329
- GLOBAL FINANCE IN PRACTICE 11.2** Foreign Subsidiary Valuation 332
- 11.4 Managing Translation Exposure 332
- GLOBAL FINANCE IN PRACTICE 11.3** Foreign Currency Hedge Accounting 334
- Summary Points 334
- MINI-CASE:** McDonald's, Hoover Hedges, and Cross-Currency Swaps 335
- Questions 337
- Problems 338
- Internet Exercises 339

**Chapter 12 Operating Exposure 341**

- 12.1 A Multinational's Operating Exposure 341
- GLOBAL FINANCE IN PRACTICE 12.1** Expecting the Devaluation—Ford and Venezuela 344
- 12.2 Measuring Operating Exposure: Aidan Turkey 346
- 12.3 Strategic Management of Operating Exposure 350
- GLOBAL FINANCE IN PRACTICE 12.2** Do Fixed Exchange Rates Increase Corporate Currency Risk in Emerging Markets? 351
- GLOBAL FINANCE IN PRACTICE 12.3** The United Kingdom and Europe: Trans-Channel Currency Shifts 352
- 12.4 Proactive Management of Operating Exposure 353
- GLOBAL FINANCE IN PRACTICE 12.4** Hedging Hogs: Risk Sharing at Harley-Davidson 356
- Summary Points 359
- MINI-CASE:** Brexit and Rolls-Royce 359
- Questions 363
- Problems 364
- Internet Exercises 367

**PART 4 Financing the Global Firm 369****Chapter 13 Global Cost and Availability of Capital 370**

- 13.1 Financial Globalization and Strategy 370
- GLOBAL FINANCE IN PRACTICE 13.1** Ferrari's IPO—The Potential of the Prancing Horse 372
- 13.2 International Portfolio Theory and Diversification 374
- 13.3 The Role of International Portfolio Investors 380
- GLOBAL FINANCE IN PRACTICE 13.2** Emerging Market Growth Companies—IPOs and Corporate Governance 381
- GLOBAL FINANCE IN PRACTICE 13.3** Culture and Investment Behavior 384
- 13.4 The Cost of Capital for MNEs Compared to Domestic Firms 384
- Summary Points 388
- MINI-CASE:** Novo Industri A/S (Novo) 388
- Questions 392
- Problems 392
- Internet Exercises 396

**Chapter 14 Funding the Multinational Firm 397**

- 14.1 Designing a Strategy to Source Capital Globally 398
- 14.2 Optimal Financial Structure 399
- 14.3 Raising Equity Globally 402
- 14.4 Depositary Receipts 405
- GLOBAL FINANCE IN PRACTICE 14.1** Evolution of Global Financing in the Shale Sector 405

14.5 Private Placement	410
14.6 Raising Debt Globally	412
14.7 Financing Foreign Subsidiaries	413
<b>GLOBAL FINANCE IN PRACTICE 14.2</b> Islamic Finance	414
<b>GLOBAL FINANCE IN PRACTICE 14.3</b> Financial Structure of a Russian Joint Venture	418
Summary Points	419
<b>MINI-CASE:</b> Petrobrás of Brazil and the Cost of Capital	419
Questions	422
Problems	423
Internet Exercises	426

## **Chapter 15 Multinational Tax Management 427**

<b>GLOBAL FINANCE IN PRACTICE 15.1</b> The Impact of Tax on Business Decisions	428
15.1 Tax Principles and Practices	428
<b>GLOBAL FINANCE IN PRACTICE 15.2</b> The Panama Papers	435
<b>GLOBAL FINANCE IN PRACTICE 15.3</b> Offshore Profits and Dividend Repatriation	437
15.3 Google: An Illustrative Case of Profit Repositioning	445
<b>GLOBAL FINANCE IN PRACTICE 15.4</b> Hewlett-Packard's Offshore Cash and Staggered Loan Program	446
15.4 Global Tax Competitiveness	447
Summary Points	449
<b>MINI-CASE:</b> Apple's Global iTax Strategy	450
Questions	454
Problems	455
Internet Exercises	457

## **Chapter 16 International Trade Finance 458**

16.1 The Trade Relationship	458
16.2 Key Documents	463
<b>GLOBAL FINANCE IN PRACTICE 16.1</b> Florence—The Birthplace of Trade Financing	465
16.3 Government Programs to Help Finance Exports	469
16.4 Trade Financing Alternatives	470
<b>GLOBAL FINANCE IN PRACTICE 16.2</b> Factoring in Practice	472
16.5 Forfaiting	473
Summary Points	475
<b>MINI-CASE:</b> Crosswell International and Brazil	476
Questions	479
Problems	479
Internet Exercises	481

## **PART 5 Foreign Investments and Operations 483**

### **Chapter 17 Foreign Direct Investment and Political Risk 484**

17.1 The Foreign Direct Investment Decision	484
17.2 Structural Choices for Foreign Market Entry	485
<b>GLOBAL FINANCE IN PRACTICE 17.1</b> Drugs, Public Policy, and the Death Penalty	491
17.3 Political Risk: Definition and Classification	491
17.4 Financial Impacts of Political Risk	492
17.5 Political Risk Mitigation	496
<b>GLOBAL FINANCE IN PRACTICE 17.2</b> Selective Examples of Expropriation in the Global Oil and Gas Industry	497
<b>GLOBAL FINANCE IN PRACTICE 17.3</b> Structuring Incentives in Foreign Direct Investments	502
Summary Points	502
<b>MINI-CASE:</b> Tengiz—The Definition of Political Risk	503
Questions	506
Internet Exercises	507

<b>Chapter 18</b>	<b>Multinational Capital Budgeting and Cross-Border Acquisitions</b>	<b>509</b>
18.1	Complexities of Budgeting for a Foreign Project	510
18.2	Illustrative Case: Cemex Enters Indonesia	513
<b>GLOBAL FINANCE IN PRACTICE 18.1</b>	Venezuelan Currency and Capital Controls Force Devaluation of Business	523
18.3	Real Option Analysis	525
18.4	Project Financing	526
18.5	Cross-Border Mergers and Acquisitions	527
<b>GLOBAL FINANCE IN PRACTICE 18.2</b>	Values Change: GE Appliances and Electrolux	529
<b>GLOBAL FINANCE IN PRACTICE 18.3</b>	Statoil of Norway's Acquisition of Esso of Sweden	533
	Summary Points	533
<b>MINI-CASE:</b>	Elan and Royalty Pharma	534
	Questions	538
	Problems	538
	Internet Exercises	541
	Answers	A-1
	Glossary	G-1
	Index	I-1