

# Brief Contents

List of Tables xv  
List of Figures xvii  
List of Boxes xxi

## PART I

### Introduction to Macroeconomics 1

- 1 What is Macroeconomics? 3
- 2 Macroeconomic Accounts 28

## PART II

### The Macroeconomy in the Long Run 55

- 3 The Fundamentals of Economic Growth 57
- 4 Labour Markets and Unemployment 91
- 5 Money, Prices, and Exchange Rates in the Long Run 123

## PART III

### The Building Blocks of Macroeconomics 141

- 6 Borrowing, Lending, and Budget Constraints 143
- 7 Asset Markets 168
- 8 Private Sector Demand: Consumption and Investment 193
- 9 Money and Interest Rates 219

- 10 Monetary Policy, Banks, and Financial Stability 243

## PART IV

### Macroeconomic Equilibrium 273

- 11 Macroeconomic Equilibrium in the Short Run 275
- 12 International Capital Flows and Macroeconomic Equilibrium 303
- 13 Output, Employment, and Inflation 328
- 14 Aggregate Demand and Aggregate Supply 357
- 15 The Exchange Rate 387

## PART V

### Macroeconomic Policy in a Global Economy 417

- 16 Demand Management Policies 419
- 17 Fiscal Policy, Debt, and Seigniorage 447
- 18 Policies for the Long Run 473
- 19 The Architecture of the International Monetary System 508
- 20 Epilogue 542

References 559

Glossary 561

Index 581



# Detailed Contents

List of Tables xv

List of Figures xvii

List of Boxes xxi

## PART I

### Introduction to Macroeconomics 1

#### 1 What is Macroeconomics? 3

- 1.1 Overview of Macroeconomics 4
- 1.2 Macroeconomic Concepts 5
- 1.3 Macroeconomics in the Long Run: Economic Growth 12
- 1.4 Macroeconomics in the Short Run: Business Cycles 13
- 1.5 Macroeconomics as a Science 15
- 1.6 The Methodology of Macroeconomics 21
- 1.7 Preview of the Book 24

#### 2 Macroeconomic Accounts 28

- 2.1 Overview 29
- 2.2 Gross Domestic Product 29
- 2.3 Flows of Incomes and Expenditures 37
- 2.4 Balance of Payments 43

Summary 50

## PART II

### The Macroeconomy in the Long Run 55

#### 3 The Fundamentals of Economic Growth 57

- 3.1 Overview 58
  - 3.2 Thinking about Economic Growth: Facts and Stylized Facts 59
  - 3.3 Capital Accumulation and Economic Growth 65
  - 3.4 Population Growth and Economic Growth 72
  - 3.5 Technological Progress and Economic Growth 75
  - 3.6 Growth Accounting 78
  - 3.7 Why are Some Countries Rich and Others Poor? 80
- Summary 87

#### 4 Labour Markets and Unemployment 91

- 4.1 Overview 92
- 4.2 Demand and Supply in the Labour Market 93
- 4.3 A Static Interpretation of Unemployment 102



- 4.4** A Dynamic Interpretation of Unemployment 110
- 4.5** The Equilibrium Rate of Unemployment 113
- Summary 119

## **5 Money, Prices, and Exchange Rates in the Long Run** 123

- 5.1** Overview 124
- 5.2** Money and the Neutrality Principle 125
- 5.3** Nominal and Real Exchange Rates 132
- 5.4** The Exchange Rate in the Long Run: Purchasing Power Parity 136
- Summary 137

## **PART III**

### **The Building Blocks of Macroeconomics** 141

## **6 Borrowing, Lending, and Budget Constraints** 143

- 6.1** Overview 144
- 6.2** Thinking About the Future 144
- 6.3** The Household's Intertemporal Budget Constraint 146
- 6.4** The Firm and the Private Sector's Intertemporal Budget Constraint 150
- 6.5** Public and Private Budget Constraints 153
- 6.6** The Current Account and the Budget Constraint of the Nation 161
- Summary 164

## **7 Asset Markets** 168

- 7.1** Overview 169
- 7.2** How Asset Markets Work 170
- 7.3** Functions of Asset Markets 172
- 7.4** Asset Prices and Yields 178
- 7.5** Information and Market Efficiency 182

- 7.6** Asset Markets and the Macroeconomy 189
- Summary 190

## **8 Private Sector Demand: Consumption and Investment** 193

- 8.1** Overview 194
- 8.2** Consumption 195
- 8.3** Investment 205
- Summary 215

## **9 Money and Interest Rates** 219

- 9.1** Overview 220
- 9.2** Money: What is it and Where Does it Come From? 221
- 9.3** The Demand for Money and the Market for Money 231
- 9.4** Money: Past, Present, and Future 235
- Summary 239

## **10 Monetary Policy, Banks, and Financial Stability** 243

- 10.1** Overview 244
- 10.2** The Instruments of Monetary Policy: Nuts and Bolts 245
- 10.3** Objectives, Targets, and Instruments of Monetary Policy 250
- 10.4** The Channels of Monetary Policy 259
- 10.5** Financial Stability as a Prerequisite for Monetary Policy 262
- Summary 269

## **PART IV**

### **Macroeconomic Equilibrium** 273

## **11 Macroeconomic Equilibrium in the Short Run** 275

- 11.1** Overview 276
- 11.2** Aggregate Demand and the Goods Market 277
- 11.3** The Goods Market and the *IS* Curve 283



- 11.4** The Money Market, Monetary Policy, and the *TR* Curve 287
- 11.5** Macroeconomic Equilibrium 292  
Summary 299
- 12 International Capital Flows and Macroeconomic Equilibrium** 303
  - 12.1** Overview 304
  - 12.2** The Implications of Being Small 305
  - 12.3** International Financial Flows 306
  - 12.4** Output and Interest Rate Determination under Fixed Exchange Rates 310
  - 12.5** Output and Interest Rate Determination under Flexible Exchange Rates 315
  - 12.6** Fixed or Flexible Rates? 320  
Summary 324
- 13 Output, Employment, and Inflation** 328
  - 13.1** Overview 329
  - 13.2** General Equilibrium with Flexible Prices: The Neoclassical Case 330
  - 13.3** The Phillips Curve: Chimera or a Stylized Fact? 334
  - 13.4** Accounting for Inflation: The Battle of the Mark-ups 339
  - 13.5** Inflation, Unemployment, and Output 348  
Summary 354
- 14 Aggregate Demand and Aggregate Supply** 357
  - 14.1** Overview 358
  - 14.2** Aggregate Demand and Supply under Fixed Exchange Rates 359
  - 14.3** Aggregate Demand and Supply under Flexible Exchange Rates 370
  - 14.4** How to Use the *AS-AD* Framework 376  
Summary 384

## **15 The Exchange Rate** 387

- 15.1** Overview 388
- 15.2** The Foreign Exchange Markets 389
- 15.3** The Interest Parity Conditions 391
- 15.4** Exchange Rate Determination in the Short Run 395
- 15.5** The Exchange Rate in the Long Run 401
- 15.6** From the Long to the Short Run 408
- 15.7** Exchange Rate Volatility and Currency Crises 411  
Summary 413

## **PART V**

## **Macroeconomic Policy in a Global Economy** 417

## **16 Demand Management Policies** 419

- 16.1** Overview 420
- 16.2** Demand Management: What are the Issues? 422
- 16.3** Feasible Demand Management Policy 428
- 16.4** Beyond Controversies: The Synthesis 438
- 16.5** The Great Recession and Demand Management: New Challenges or Old Dilemmas? 440  
Summary 444

## **17 Fiscal Policy, Debt, and Seigniorage** 447

- 17.1** Overview 448
- 17.2** Fiscal Policy and Economic Welfare 449
- 17.3** Macroeconomic Stabilization 451
- 17.4** Deficit Finance: Public Debt and Seigniorage 457
- 17.5** How to Stabilize the Public Debt 464  
Summary 470



**18 Policies for the Long Run 473**

- 18.1** Overview 474
- 18.2** Market Efficiency and the Theory of Supply-Side Policy 475
- 18.3** Product Market Policies 482
- 18.4** Taxation as the Price of Intervention 487
- 18.5** Labour Market Policy 491
- 18.6** Supply-Side Policy in Practice 500
  - Summary 505

**19 The Architecture of the International Monetary System 508**

- 19.1** Overview 509
- 19.2** History of Monetary Arrangements 510
- 19.3** The International Monetary Fund 520
- 19.4** Currency Crises 523
- 19.5** The Choice of an Exchange Rate Regime 528
  - Summary 539

**20 Epilogue 542**

- 20.1** The Keynesian Revolution 543
- 20.2** The Monetarist Revolution 545
- 20.3** The Rational Expectations Revolution 548
- 20.4** The Microfoundations of Macroeconomics 549
- 20.5** New Keynesian Macroeconomics: The Latest Synthesis 550
- 20.6** Institutional and Political Economics 551
- 20.7** Labour Markets 552
- 20.8** Search and Matching 553
- 20.9** Growth and Development 555
- 20.10** Demographics, Low Productivity Growth, and Secular Stagnation 556
- 20.11** Conclusions 557

References 559

Glossary 561

Index 581