

# International Master of Professional Accounting

## I. Introduction

The IMPAcc programme is designed to gain in-depth understanding and skill in both accounting and finance areas. Through the process of learning, students will be capable to critically evaluate the accounting implication of business and financial events by applying relevant principles and standards.

## II. Course List

| 授课语言<br>Teaching<br>Language | 必修<br>或选修<br>Compulsory<br>or Elective | 课程编码<br>Course Code | 课程名称<br>Course Name  | 学时<br>Total<br>Hours | 开设学期与学分<br>Semesters and Credits |    |     |    |   |    |     |      |  |
|------------------------------|--|---------------------|--|----------------------|----------------------------------|----|-----|----|---|----|-----|------|--|
|                              |  |                     |  |                      | I                                | II | III | IV | V | VI | VII | VIII |  |
| 中文<br>Chinese                | 必修<br>Compulsory                       | MPA132021           | 财务会计理论与实务<br>Financial Accounting: Theory<br>and Practice          | 54                   | 3                                |    |     |    |   |    |     |      |  |
| 英语<br>English                | 必修<br>Compulsory                       | MPA132031           | 财务管理理论与实务<br>Financial Management:<br>Theory and Practice          | 54                   | 3                                |    |     |    |   |    |     |      |  |
| 中文<br>Chinese                | 必修<br>Compulsory                       | MPA132052           | 审计理论与实务<br>Auditing: Theory and Practice                           | 36                   |                                  | 2  |     |    |   |    |     |      |  |
| 中文<br>Chinese                | 必修<br>Compulsory                       | MPA132041           | 管理会计理论与实务<br>Management Accounting:<br>Theory and Practice         | 36                   | 3                                |    |     |    |   |    |     |      |  |
| 中文<br>Chinese                | 必修<br>Compulsory                       | MPA132062           | 商业伦理与会计职业道德<br>Business and Professional<br>Ethics for Accountants | 36                   |                                  | 2  |     |    |   |    |     |      |  |
| 英语<br>English                | 选修<br>Elective                         | MPA133012           | 财务报表分析<br>Financial Statement Analysis                             | 36                   |                                  | 2  |     |    |   |    |     |      |  |
| 中文<br>Chinese                | 选修<br>Elective                         | MPA133022           | 内部控制与公司治理<br>Internal Control and Corporate<br>Governance          | 36                   |                                  | 2  |     |    |   |    |     |      |  |

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| 中文<br>Chinese | 选修<br>Elective | MPA133323 | 政府与非盈利组织会计<br>Accounting for Government<br>and Non-Profit Organizations | 36 |   |   | 2 |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133043 | 企业价值评估 Enterprise<br>Valuation  | 36 |   |   | 2 |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133053 | 战略管理 Strategic<br>Management  | 36 |   |   | 2 |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133252 | 学术规范和论文写作<br>Academic Norms and Essay<br>Writing                        | 36 |   | 2 |   |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133072 | Python 语言与财务分析<br>Python Language and<br>Financial Reporting Analysis   | 36 |   | 2 |   |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133182 | 量化投资策略<br>Quantitative Investments                                      | 36 |   | 2 |   |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133112 | 商业模式创新<br>Business Model Innovation                                     | 36 |   | 2 |   |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133183 | 机器学习与会计数据挖掘<br>Machine Learning and<br>Accounting Data Mining           | 36 |   |   | 2 |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133223 | 大数据与管理决策<br>Big Data and<br>Decision-making                             | 36 |   |   | 2 |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133261 | 跨文化交流<br>Cross-Cultural<br>Communication                                | 36 | 2 |   |   |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133303 | 跨国经营管理<br>Transnational Management                                      | 36 |   |   | 2 |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133152 | 国际金融市场<br>Global Capital Markets  | 36 |   | 2 |   |  |  |  |  |  |  |
| 中文<br>Chinese | 选修<br>Elective | MPA133161 | 跨国公司管理模拟<br>Simulation of Multinational<br>Corporations Management      | 36 | 2 |   |   |  |  |  |  |  |  |
| 英语<br>English | 选修<br>Elective | MPA133102 | 国际财务管理<br>International Financial<br>Management                         | 36 |   | 2 |   |  |  |  |  |  |  |

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| 英语<br>English | 选修<br>Elective | MPA133313  | 国际审计实务<br>International Audit Practice | 36 |  |   | 2 |  |  |  |  |  |
| 英语<br>English | 选修<br>Elective | IMPA133162 | 金融风险管理<br>Financial Risk Management    | 36 |  | 2 |   |  |  |  |  |  |

### **III. Course Introduction**

#### **3.1.3 Financial Management: Theory and Practice**

##### **3.1.3.1 Course Description**

Most modern corporations, if not all, are managed by professional managers. Many decision-making processes, such as investment appraisal, capital structure design, and payout policies, among others, are complex and key to a corporation's success in generating profits, creating value for shareholders and fulfilling other stakeholders' demand.

This course will explain the variety of economic rationales behinds all aforementioned decision-making processes, introduce relevant financial theories and techniques, and help students to develop critical thinking as well as creative thinking throughout making financial management decisions.

##### **3.1.3.2 Course Objectives**

Upon successful completion of this course, students should be able to, discuss the role and purpose of the financial management function, understand the fundamental trade-off between risks and returns behind decision-making,

carry out effective investment appraisal,  
identify and evaluate alternative sources of financing, and  
discuss and assess various payout policies.

### **3.1.3.3 Course Contents**

Introduction

Corporate Governance

Investment Decisions: Hurdle Rates, Risk and Returns

Investment Decisions: How to Evaluate a Project?

Financing Decisions: Understanding Capital Structure

Financing Decisions: Moving to the Optimal Financing Mix

Payout Decisions: Assess the Dividend Policy

### **3.1.3.4 Course Methods**

Lectures and discussions, a term project following a public company

### **3.1.3.5 Teaching Language**

English

### **3.1.3.6 Reference Books**

Applied Corporate Finance, 4th Ed, by Aswath Damodaran, 2014, Wiley,  
978-1118808931

Corporate Finance, International Ed, by Bradford D. Jordan Stephen A.  
Ross, Randolph W. Westerfield, Jeffrey Jaffe, 2021, McGraw-Hill,  
978-1265533199

### **3.1.4 Financial Statement Analysis**

#### **3.1.4.1 Course Introduction**

Financial statement is the basic discipline for the major of financial management. The purpose of this course is to provide student with a framework for analyzing a firm's past performance, estimating its future performance, and valuing its equity. The course integrates key concepts from accounting, finance, economics, and business strategy and applies them to financial decision-making.

#### **3.1.4.2 Course Objectives**

The course focuses on teaching student to interpret numbers in the financial statements. Student should leave the course with the ability to generate reasonably accurate forecasts of a firm's future financial performance, including revenues, earnings, asset balances and free cash flows.

#### **3.1.4.3 Course Contents**

The course is given in 10 units , embracing discussions in the following aspects : the introduction to investing, valuation and the financial statements; analysis of financial statements and business activities; financial analysis including analysis of profitability and analysis of growth; analysis of the quality of financial statement; valuation analysis and the analysis of risk and return.

#### **3.1.4.4 Course Methods**

Lectures and discussion; case study

### **3.1.4.5 Teaching Language**

English

### **3.1.4.6 Reference Books**

1. “Financial statement analysis and security valuation” (McGraw-Hill)

Penman S H.

2. “Understanding Company Financial Statements” (Penguin), R. H.

Parker

3. “Business Analysis and Valuation: IFRS edition” (Thomson Learning),

K.G. Palepu, V. L. Bernard, P. M. Healy and E. Peek

4. “Financial statement analysis” Xinming Zhang and aimin Qian, China

Renmin University Press

5. “Financial statement analysis” Martin Fridson, China Renmin

University Press

## **3.1.5 International Financial Management**

### **3.1.5.1 Course Description**

The course will initially focus on currency exchange and how financial managers can manage currency risk. Then we shift to understanding the role of regulators and global organizations to help stamp out corruption and promote quality financial reporting.

### **3.1.5.2 Course Objectives**

The objective of the course is to prepare students for careers with companies doing business internationally.

### **3.1.5.3 Course Contents**

Case study of Harvard

### **3.1.5.4 Course Methods**

We will use a number of English language cases and will use the case method (used by top business schools). These cases will be provided to you. You will be expected to prepare and submit a brief 3-5 page memorandum discussing certain case questions that will be provided later.

### **3.1.5.5 Teaching Language**

The class will be conducted in English.

### **3.1.5.6 Reference Books**

A list of readings and cases will be provided later.

## **3.1.6 International Audit Practice by Grace Tang**

### **3.1.6.1 Course Description**

Audit is a fundamental discipline for students who major in accounting. The purpose of the course is to provide the graduate students with a framework of auditing along with a working knowledge of auditing principles paired with real life cases and examples. So the students will have an understand of the methods to resolve audit issues, to learn the

audit protocols in dealing with the audit clients/objects and also to learn of detection of possible fraudulent activities found in performing audit.

#### **3.1.6.2 Course objectives**

This course focuses on giving the graduate students a professional mindset in accounting and auditing with the real cases and audit methodologies. Through the learning and lectures and in class discussions, the students should be able to start with the tools and practical knowledge obtained in the class for their auditing or accounting profession.

#### **3.1.6.3 Course Contents**

The International Audit Practice will meet 12 times/weeks, each time for 3 hours, total of 36 class hours. The aim is to meet in person in the classroom. Approximately 60 students of second year graduate students from the graduate accounting school.

#### **3.1.6.4 Course Methods**

The International Audit Practice will use the 19th edition of The Principles of Auditing and Other Assurance Services by O. Ray Whittington and Kurt Pany, the textbook is a bilingual textbook approved by BISU. Real life public auditing cases from China will be introduced and shared as they are relating to appropriate audit subjects and topics. Also depends on the feedback from the students and the in-class observations from the instructor, certain modifications, i.e., the speed of the class and the depth of the topic maybe acceptable.



Will set students up into different groups, making sure the groups have appropriate mix of the background of the students. Encourage class participation, speaking up and discussion by/among the students and the students will a chance to enhance their presentation skills in English. This part is to train the soft skills of the students.

### **3.1.6.5 Teaching Language**

English is the teaching language, to assist students further understanding, we may use Chinese to supplement and facilitate the learning, if needed.

### **3.1.6.6 Reference Books**

19th Edition of the Principles of Auditing & Other Assurance Services by O Ray Whittington and Kurt Pany.

Live public cases from China for discussion.

May invite speakers to share professional experiences with the class, to be determined.

## **3.1.7 Financial Risk Management**

### **3.1.7.1 Course Description**

Modern managers are risk managers. This is especially true for firms in the financial services industry. This course is designed to apply theories and methodologies to the various needs of identifying, assessing, measuring and managing financial risk in financial institutions. The primary objective is to prepare students for understanding the types of

financial risks that today's financial professionals must be facing in the ever-changing landscape of financial markets. This course will introduce several risk management models to measure market risk (equity risk), interest rate risk, credit risk, operational risk and liquidity risk, while emphasis is placed on the implementation of derivatives in risk management. This course is quantitative, and therefore students are Compulsory to have working knowledge of algebra, statistics and finance, as well as some know-how in Microsoft Excel.

### **3.1.7.2 Course Objectives**

On completion of this course, students should be able to:

- 1) Summarize the equity risk exposure using simulation and various measures of risk including Value-of-Risk,
- 2) Perform static and dynamic hedging on a given equity position or option position,
- 3) Measure the sensitivity of bonds with respect to fluctuation in interest rates,
- 4) Conduct bond immunization to eliminate interest rate risk,
- 5) Compute estimates for the parameters of default-free and defaultable term structure models given an appropriate set of data observations,
- 6) Provide a detailed description of the meaning and interpretation of the output from these models using the terminology and concepts of risk management, and

7) Make and evaluate recommendations related to a firm's equity, interest rate, and credit risk management programs.

### **3.1.7.3 Course Contents**

Introduction

Equity Risk Management

Interest Rate Risk Management

Credit Risk Management

Operational Risk and Liquidity Risk Management

Firm-Wide Risk Management

The Subprime Mortgage Crisis

### **3.1.7.4 Course Methods**

Lectures and discussions

### **3.1.7.5 Teaching Language**

English

### **3.1.7.6 Reference Books**

Risk Management and Financial Institutions 6th Edition, by John C. Hull,  
Wiley Finance, 2023, 978-1119932482

Financial Risk Manager Handbook 6th edition, by Philippe Jorion, Wiley,  
2010, 978-0470904015