**FINANCE**

The Finance major provides students with the knowledge and skills required to apply the tools and techniques of financial management in all types of organizations. The discipline focuses on financial management as it relates to the raising and investing of capital consistent with the stated goals of an organization. The Finance major also covers topics related to personal investing from the perspectives of both the individual investor and the people entrusted to manage investment funds. Internships are widely available and required of all majors. Additional opportunities are available through the Problem based Learning Lab.

**Faculty**

**ABU AMIN, PH.D.**  
Assistant Professor

**KWAMIE DUNBAR, PH.D.**  
Assistant Professor

**JOHN T. GERLACH, M.B.A.**  
Senior Executive in Residence  
Associate Professor

**JING JIANG, PH.D.**  
Assistant Professor

**RALPH LIM, M.B.A., C.F.A.**  
Associate Professor

**BRIDGET LYONS, D.P.S.**  
Professor

**KHAWAJA A. MAMUN, PH.D**  
Associate Professor, Chair

**LUCJAN T. ORLOWSKI, PH.D.**  
Professor

**RUPENDRA PALIWAL, PH.D.**  
Associate Professor

**Major**

All Finance students must complete the following courses to earn their degree.

**SACRED HEART UNIVERSITY CORE CURRICULUM (54–56 CREDITS)**

**COLLEGE OF BUSINESS FOUNDATIONS COURSE (3 CREDITS)**

**BU 121**  
Introduction to Business

**COLLEGE OF BUSINESS CORE CURRICULUM (24 CREDITS + 9 REQUIRED SUPPORTING CREDITS)**

**AC 221**  
Financial Accounting and Reporting

**AC 222**  
Managerial Accounting and Control

**FN 215**  
Financial Management

**MGT 101**  
Organizational Management

**MGT 231**  
Business Law I

**MGT 257**  
Business Ethics

**MK 201**  
Principles of Marketing

**MGT 401**  
Business Policy

**OTHER COURSES IN MAJOR (21 CREDITS)**

**FN 351**  
Corporate Finance

**EC 302**  
Global Financial Markets and Institutions

**FN 315**  
Investments

**FN 316**  
International Finance

**FN /EC 390**  
Internship in Finance

Two Finance electives

In some circumstances an additional elective may be substituted for the internship if the student can demonstrate other experience in the field.

**REQUIRED SUPPORTING COURSES**

**EC 202**  
Principles of Microeconomics

**EC 203**  
Principles of Macroeconomics

**MA 133**  
Elementary Statistics with Business Applications
Electives necessary to complete degree requirements.

Course Descriptions

**FN 215 Financial Management**
3 CR
Provides an overview of the principles and techniques used in financial management and an introduction to financial markets. Topics include time value of money, measures of risk, models for pricing bonds and stocks, financial analysis, capital structure, cost of capital, capital budgeting and working capital management. Students are introduced to financial problem solving using Microsoft Excel.
Prerequisite: AC 221

**FN/SM 243 Sport Finance**
3 CR
Examines the application of financial methodology for sport enterprises. Emphasis is on understanding the important sources of revenue (e.g., ticket sales, sponsorships) and media as well as the principal expenses of managing a professional team (e.g., salaries). The course also provides insight to the financing of stadiums and arenas and the valuation of teams.
Prerequisites: AC 221 and FN 215

**FN 351 Corporate Finance**
3 CR
Emphasizes corporate financial management. Covers financial analysis, working capital management, cost of capital, capital budgeting, valuation, and capital structure. Includes extensive use of financial models.
Prerequisite: FN 215

**FN 299 Special Topics in Finance**
Designates new or occasional course material that may not become part of the department’s permanent offerings. This course addresses a timely topic, consistent with a faculty member’s particular interest. The most recent focus of this course material is on financial risk management.

**AC/FN 441 Financial Analysis**
3 CR
Develops students’ ability to analyze financial statements to determine both asset value and earning capacity of the public corporation's securities. Requires an understanding of the positive and negative effects of operating and financial leverage, as well as ratio analysis as it concerns the capitalization, stock and bond markets. Proof of students’ ability lies in the preparation of an analysis of annual report of a major, publicly held corporation.
Prerequisite: FN 215

**FN 315 Investments**
3 CR
Introduces students to the various types of investment products and markets both in the United States and globally. Topics include valuation techniques and risk measurements for common stocks, mutual funds and bonds; use of options; socially responsible investing; and expected returns for each type of investment.
Prerequisite: FN 215

**FN 316 International Finance**
3 CR
Explores the principles of financial management from an international perspective. The course provides a broad introduction to the operations of international financial markets and instruments. Students develop an understanding of the workings of international financial markets, the risks of doing business in the international arena, and management of exchange risk exposure. Among the topics covered are foreign exchange markets, foreign exchange risk, management of exchange risk exposure, impact of different exchange rates, taxation
systems and inflation rates on financial decisions, project evaluation and interaction among various national financial markets.

**Prerequisites:** EC 202 and FN 215

**FN 318 Current Problems in Finance**  
3 CR  
Seminar on special current topics in finance. Open to seniors majoring in Finance and to Seniors majoring in Business Economics, Business and Accounting with permission of the Finance department.  
**Prerequisite:** FN 215 or departmental permission

**FN 442 Derivatives and Risk Management**  
3 CR  
Designed to help undergraduate students understand the basic derivative markets such as forward, futures, options and swap markets. Key concepts needed to price these basic claims, such as the law of one price, the cash and carry arbitrage and the put call parity, are introduced and explained. Explores the pricing of these claims, as well as arbitrage and hedging in these markets.  
**Prerequisite:** FN 215

**FN 220 Personal Finance**  
3 CR  
Examines the financial planning, management and investment needs of individuals and households as they pursue their financial goals. Topics include: personal budgeting, credit buying, banking and borrowing, home ownership, insurance and investing. Upon successful completion of the course, students should have gained a basic understanding as to how to (1) prepare their personal financial plan or program; (2) budget and control their income and expenses; (3) economically and wisely purchase major expense items such as a house or an automobile; (4) purchase needed insurance thoughtfully and purposefully; and (5) begin a program for retirement and investments so that their personal financial objectives can be reached.

**FN 450 Investment Management Capstone**  
3 CR  
This course is required for students selected in the Finance department’s Investment Management Program. The course parallels the curriculum found in the Chartered Financial Analysts, CFA Level I examination. Topics include ethics and professional standards, economics, financial statement analysis, equity and fixed income analysis, quantitative techniques, derivatives, and portfolio management. Completion of the course assists the students in preparing for the CFA Level I examination.  
**Prerequisite:** FN 315 (Investments and Instructor Permission)

**FN 351 Experiential Learning: Rotaract**  
1 CR  
The Sacred Heart Rotaract which is sponsored by the Welch College of Business aims to prepare young adults to become the next generation of business and community leaders. The club is guided by its core value of helping to prepare individuals who will not only seek to excel academically but will work to improve local communities and the greater society. The Sacred Heart Rotaract Club which was established in the spring of 2010 is a service based club that centers its efforts within the local community. The club is open to all students of the university and exposes students to service learning and leadership training.

Each semester, as part of the service learning experience provides an overview of the principles and techniques used in Non Profit Management and an introduction to the Non Profit Sector. Topics discussed include: the role of Non Profits, managing Non Profit resources, the laws governing Non Profits, Non Profit marketing and social media, and the governance of Non Profits and ethics. In addition to learning basic Non Profit management techniques, students will be required to identify and analyze one basic operational problem within an assigned Non Profit. The analysis will require you to
provide a viable solution to this problem which will be presented in class prior to the midterm and final week of class. Students will be required to satisfactorily complete 26 hours of work at their designate Non Profit over the semester (approximately 2 hours per week). At the completion of this exercise students earn 1 credit toward their respective degree programs.

**FN 357 Financial Literacy**

1 CR

This one credit course will cover a number of areas of basic finance including personal budgeting, appropriate ways to finance large purchases, such as an automobile or home purchase, personal taxes, managing student loans and credit cards, and the best methods to start saving for the future. The course will focus on simple financial principals but will require each student to develop examples from his or her own situation. This course assumes no business or financial background and is appropriate for any major.

**FN/EC 390 Internship**

3-9 credits

The internship is focused on developing job search, interviewing and career assessment skills while providing practical experience. Students work with a faculty advisor and the career development office to write a resume, search for and obtain an internship and work at a site for a minimum of 120 hours. The internship introduces students to the opportunities and rigors of the business environment. Upon completion, students work with the supervisor and faculty advisor to reassess skills and career development plans.