

# GRADUATE CERTIFICATE IN **INVESTMENT MANAGEMENT**

The Graduate Certificate in Investment Management provides students with the knowledge and skills necessary to manage a balanced (fixed income and equity) investment fund. Those completing the certificate will gain a substantial competitive edge in pursuing a career as an analyst or an investment advisor, later as an investment portfolio manager, and possibly as a chief investment officer.

The curriculum features a broad spectrum of investment-related subjects, with an emphasis on intensive research and applied training in complex financial tools and techniques. The program also includes a professional internship. Central to the curriculum is the David O. Nicholas Applied Finance Lab, which is equipped with state-of-the-art professional databases and financial software, replicating the technology and market data, analysis, and research available to professional investors in investment firms.

In addition to a rich curriculum, Investment Management Certificate (IMC) students meet regularly with investment professionals during, and outside of, class for discussions of the funds, markets, and course topics. The Lubar College of Business is part of the prestigious Chartered Financial Analyst (CFA) Institute University Affiliation Program.

Students interested in the certificate program should contact Graduate Student Services, Lubar Hall N251, (414) 229-5252, or [mba-ms@uwm.edu](mailto:mba-ms@uwm.edu). Students are also encouraged to contact Dr. Kevin Spellman, the Director of the IMC program, at [spellman@uwm.edu](mailto:spellman@uwm.edu) for information on the program.

## **Eligibility**

It is recommended that the following courses have been completed prior to admission to the certificate: BusMgmt 705, Bus Adm 721, & BUS ADM 771 (or undergraduate equivalents). If not completed prior to admission to the certificate, BusMgmt 705 must be taken concurrently with Bus Adm 550. Bus Adm 721 (or Bus Adm 301) and Bus Adm 771 must be taken before, or concurrently, with Bus Adm 552. If a candidate has passed the CFA Level I exam, the student is exempted from BusMgmt 705, Bus Adm 721, and Bus Adm 771. Admission is competitive and is based on cumulative GPA, course grades, personal statement, a potential interview and interview essays, interest in investments and finance (e.g. Student Investment Club), and other considerations.

## Required Courses (21 credits)

### **BUS ADM 550: Investment Management Practice I**

Introduction to the real-time and historic data sets and analytical software available in the David O. Nicholas Applied Finance Lab. Utilize Bloomberg and FactSet. Produce a report on a stock, including analysis of drivers, financial statements, and valuation. Prereq: grad st, admis to Investment Mgmt Cert program, Bus Adm 705(C).

### **BUS ADM 552: Investment Management Practice II**

Investment Management Practice II. Use of real-time and historic data sets available in the David O. Nicholas Applied Finance Lab such as Bloomberg, FactSet, and other analysis packages to analyze securities and prepare to manage portfolios. Prereq: grad st, admis to Investment Mgmt Cert program & Bus Adm 550(P), Bus Adm 301(C) or 721(C); 771(C).

### **BUS ADM 553: Investment Management Practice III**

Students manage investment portfolios utilizing the David O. Nicholas Applied Finance Lab. Topics include securities selection, portfolio positioning, performance and risk analysis, and financial market events. Prereq: grad st, admis to Investment Mgmt Cert program and BUS ADM 552.

### **BUS ADM 554: Investment Management Practice IV**

Students manage investment portfolios utilizing the David O. Nicholas Applied Finance Lab. Special topics covered to assist individual future professional development and gain maturity and confidence in real world investment management. Prereq: grad st, admis to Investment Mgmt Cert program and BUS ADM 553.

### **BUS ADM 772 Portfolio Management**

Study of dynamic process that periodically matches investors' goals, objectives, and strategies with market expectations through portfolio construction and revision. Covers asset allocation, return optimization, and management of various asset types. Prereq: grad st; BUS ADM 771.

### **BUS ADM 773 Options and Futures**

Pricing theories and models for options and futures contracts and their application to investment hedging, arbitrage, and portfolio management. Covers equity, fixed income, commodity, and currency options and futures. Prereq: grad st; BUS ADM 771.

### **BUS ADM 853: Financial Modeling**

Development and advanced application of computer-based financial models including pricing of exotic derivative securities. Prereq: grad st, BUS ADM 771.

## Course Sequencing (3 semesters)

The certificate is offered in a structured three-semester sequence beginning in Spring terms.

Fall I	BUS ADM 550
Spring I	BUS ADM 552
	BUS ADM 772
Fall II	BUS ADM 553
	BUS ADM 773
Spring II	BUS ADM 554
	BUS ADM 853

## Investment Management Practice

The three Investment Management Practice courses meet Monday through Friday during the typical day stock trading session.

## Internships

Students completing the certificate are required to have an internship experience prior to graduation from the certificate program. The internship experience must be approved by the IMCP director.

## Certificate Completion

Students must complete the seven Certificate courses within a three-year time limit with a minimum 3.0 GPA.

While the Certificate comprises 21 credits, a maximum of nine Certificate credits may be counted toward earning both credentials, i.e., the Certificate and the MBA or MS degree.

## For Further Information:

phone: 414-251-5252

email: mba-ms@uwm.edu

lubar.uwm.edu