

Applied Investments Certificate

2022-2023 Course Listing

| Course Name | Credits | Course Description |
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| Required Core Classes – 10 credits | | |
| BUS 601 Quantitative Business Analysis | 2 | <p>In BUS 601, students learn about the quantitative research process, data interpretation and translation, and model selection and analysis. Student takeaways include:</p> <ul style="list-style-type: none"> • A comprehensive decision matrix for model/test identification • Fundamentals of empirical tests and interpretation • The “what next” of statistical tests and outcomes • Using your findings to make decisions and tell stories that enable social responsibility and sustainability |
| BUS 641 Financial Markets and Investments | 2 | <p>In BUS 641, students learn about operation of financial markets, techniques for security valuation and portfolio management. Student takeaways include:</p> <ul style="list-style-type: none"> • Analyzing and evaluating active and passive portfolios • Understanding the structure and valuation of stocks, bonds, mutual funds, exchange traded funds and options. • Measuring risk and return in investments Examining and analyzing company’s financial statements |
| FIN 613 Alternative Investments | 2 | <p>In FIN 613, students learn how alternative investments can affect the risk and return characteristics of portfolios. Examples of alternative investments covered in the course include hedge funds, ETFs, private equity, futures, commodities, and real estate. Student takeaways include:</p> <ul style="list-style-type: none"> • An understanding of the risk and return characteristics of traditional portfolios created using stocks and bonds. • An understanding of how adding alternative investments can improve portfolio outcomes. • An understanding of how the different alternative investments tend to perform over time as the economy goes through periods of growth and recession. |
| FIN 650 Behavioral Finance | 2 | <p>In FIN 650, students learn about how human emotions and psychological factors influence financial decision-making and financial markets. Student takeaways include:</p> <ul style="list-style-type: none"> • Understanding differences between traditional and behavioral schools of thought\ • Analyzing behavioral patterns in asset returns that relate to mood, sentiment and anomalies • Examining asset price bubbles • Examining heuristics, cognitive errors, and emotional biases that affect financial decisions |

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| REL 602 Real Estate Finance and Investments | 2 | <p>REL602 provides an introduction to various aspects of real estate finance and investment. The course covers a broad spectrum of real estate principles and terms including legal concepts, financing methods, calculations and decisions, valuation and investment. This course is an excellent elective for all students as it provides practical and important material relevant to the students' personal and professional lives.</p> <ul style="list-style-type: none">• Explain the nature and basic characteristics of real estate and its markets.• Recognize and apply time value of money concepts as they relate to market value, borrower decisions and investment analysis.• Utilize and apply the appraisal process to determine market value.• Demonstrate understanding of basic real estate financing methods such as applicable laws, contracts and financing decisions. |
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Updated
2/2022

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