ECON S-1941. Derivatives and Risk Management: Analytics and Applications (CRN: 31602)

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This is a course on the analytics of financial derivatives and risk management. The course will examine the pricing of (and hedging with) options, futures, and swaps. It will review the necessary concepts from fixed income securities (such as Duration). This course will also cover Value at Risk (VaR), and the calculation of VaR both for a single security as well as for portfolios. The concept of insurance as a risk management tool is also discussed. The course includes discussion of practical applications of risk management tools.