

Finance (FIN)

FIN 6380. Financial Modeling and Decision Making. 3 Hours.

Applies economic theories to solve various problems in financial management and investments using a hands-on approach in building financial spreadsheet models in Microsoft Excel. ****COURSE LEARNING OUTCOMES (CLOs)** At the successful conclusion of this course, students will be able to: 1. Apply design thinking approach to the process of financial modelling. 2. Identify and prioritize assumptions that are necessary for the financial modeling, analysis and decision making. 3. Organize model input data. 4. Apply advanced MS Excel modeling techniques and tools. 5. Apply sensitivity and scenario analysis to the financial models in order to improve financial decisions. 6. Synthesize and summarize model outputs, determining key findings that support the decision of the model user. 7. Apply VBA programming techniques in MS Excel for financial models. 8. Prepare graphical illustrations of model outputs. 9. Implement MS Excel error checking and debugging tools. Prerequisites: Acceptance into MAcc program.