

Curriculum Map Finance Major Required Courses

Course	Goals	Course Objectives	Major Content Areas
AC310	Knowledge Skills	<ul style="list-style-type: none"> • Acquaintance with current issues and controversies in financial accounting • Awareness of ethical dimensions of financial accounting in the context of policy setting and decision making • Understand the theory of financial accounting and its applications • Analyze financial statements • Think critically about accounting methods and techniques • Evaluate accounting methods and techniques 	<ul style="list-style-type: none"> • Working capital • Fixed assets • Deferred taxes • Leasing • Short-term finance • Long-term finance • Other liabilities such as pensions • Equity • Revenue recognition • Cost recognition • Content of notes • Analysis of statement of cash flows
EC301	Knowledge Skills Ability	<ul style="list-style-type: none"> • Understand the principles of microeconomics • Knowledge of microeconomic theory as preparation for advanced study in economics or finance. • Apply microeconomic analysis to managerial decision making, government policy formulation, and other real world economic issues. 	<ul style="list-style-type: none"> • Applications of demand-supply analysis • Consumer behavior • Theory of the firm (structure of cost) • Market structure • Optimization
EC302	Knowledge Skills (Ability?)	<ul style="list-style-type: none"> • Understanding of macroeconomic concepts • Apply macroeconomic theories • Analyze the impacts of economic events in a domestic (U.S.) context. • Analyze the impacts of economic events in a global context. • Analyze (or evaluate?) policy. 	<ul style="list-style-type: none"> • National income determination • Economic growth and the business cycle • Money, income employment, prices, prices models • Government expenditures and public debt • Monetary policy
EC311	Knowledge Skill Ability	<ul style="list-style-type: none"> • Knowledge of the financial system • Differentiate financial institutions • Understand diverse responsibilities of central banks • Understand interest rate determination • Understand foreign exchange rate determination • Analyze various forces that influence interest rates and exchange rates • Analyze monetary policy in a macroeconomic model • Evaluate various causes of financial crisis 	<ul style="list-style-type: none"> • Financial system overview • Behavior of interest rates, term and risk structure of interest rates • Overview of financial institution management • Foreign exchange markets • Exchange rate determination • Money supply and monetary policy making • The role of monetary policy in the macroeconomic system

Course	Goals	Course Objectives	Major Content Areas
FN316	<p>Knowledge</p> <p>Skills</p> <p>Ability</p>	<ul style="list-style-type: none"> • Knowledge of global financial markets and institutions. • Understand financial institutions' regulatory environment and issues in regulation. • Apply concepts of financial analysis and management introduced in FN 312. • Understand challenges of asset and liability management at financial institutions. • Analyze asset and liability management at financial institutions. • Evaluate financial institution performance. 	<ul style="list-style-type: none"> • Roles of financial markets and institutions • Term and risk structure of interest rates • Interest rate risk and bond prices • Bond markets • Mortgage markets • Derivative markets – option and futures characteristics • Balance sheet and income statement characteristics of financial institutions • Management of credit, interest rate, and liquidity risk at Federal Institutions
FN342	<p>Knowledge</p> <p>Skills (Ability)</p>	<ul style="list-style-type: none"> • Knowledge of the concepts, tools, and terminology associated with the investment environment. • Knowledge of advanced concepts necessary to the professional investment manager and individuals interested in maximizing their wealth. • Application of advanced concepts necessary to the professional investment manager and individuals interested in maximizing their wealth. 	<ul style="list-style-type: none"> • Investment instruments and vehicles • Investment process • Portfolio theory • Efficient markets • Security analysis and valuation • Option and futures applications to investments • Performance analysis
FN440	<p>Knowledge</p> <p>Skills</p>	<ul style="list-style-type: none"> • Understand the basics of agency theory • Understand the Efficient Market Hypothesis • Understand capital structure and how corporations manage capital structure. • Knowledge of the various theories of dividend policy • Understand the principles of liquidity management • Know how Investment Banks are structured and the activities in which they engage • Understand the process and rationale for mergers and acquisitions • Understand the use of long-term debt • Understand the use of leases • Apply agency theory to corporations and other stakeholders. 	<ul style="list-style-type: none"> • Agency theory and corporate governance • Financial statements, forecasting and planning • Working capital management • Working capital investments • Long-term investments • Long-term financing and investment banking • Capital structure • Bond refunding • Dividend and payout policy • Mergers and acquisitions • International financial management
FN441	<p>Knowledge</p> <p>Skills</p> <p>Ability</p>	<ul style="list-style-type: none"> • Extend and apply the financial knowledge • Develop and apply a comprehensive understanding of the analytical tools of modern financial decision-making • Understand financial theories and concepts • Appreciate the moral dimension of financial management. • Apply financial theories and concepts these to “real world” situations 	<ul style="list-style-type: none"> • Capstone: Integration of content from the foundation and core courses

