

Syllabus for Financial Economics Master's

Section 1: Subject Knowledge

Please Note: A Total of 40 Questions will be asked, combining the following topics, with the difficulty level commensurate to a Master's Candidate.

Unit I: Microeconomics

Consumer Behaviour, Theory of Production and Costs, Game Theory, Non-Cooperative games, Market Structures, competitive and non-competitive equilibria and their efficiency properties, General Equilibrium.

Unit II: Macroeconomics

National Income: Concepts and Measurement, Determination of output and employment: Classical & Keynesian Approach, Consumption Function, Investment Function, Multiplier and Accelerator, IS-LM Model Approach, Demand and Supply of Money.

Unit III: Financial Mathematics

Annuities and Equation of Value, Capital Budgeting Techniques, Arbitrage, Forward Contracts, Stochastic Interest Model, Investments.

Unit IV: Financial Economics

Financial Markets, Theory of Uncertainty, Mean-Variance Portfolio Theory, Mean-Variance, Portfolio Theory, Fixed Income Securities, Fixed Income Securities.

Unit V: Economics of Insurance

Principle of General Insurance, Basic Methodology Used in Insurance Business, Fundamental, Concepts of the Empirical Approach to Credibility Theory, Reserving Bases for General, Insurance Business, Insurance Pricing.

Unit VI: Investment Banking

Overview of Investment Banking, Innovation and New Products in Fixed Income Instruments, Mergers and Acquisitions, Mergers and Acquisition, How Investment Bankers Compete.

Unit VII: International Finance

The balance of payment Accounts, Modern Theories of Foreign Exchange Rates, Alternative, Systems of Exchange Rates, International Investment and Financing, and Institutional Structure of International Finance.

Unit VIII: Financial Regulation and Banking Supervision

Financial Regulation, Indian Capital Markets.

Section 2: Fundamental Skills

Please Note: A Total of 24 Questions will be asked, combining the following topics, with the difficulty level commensurate to a Master's Candidate.

1. Microsoft Office
2. Data Analysis
3. Case Study Analysis
4. Critical Reasoning and Comprehension

Section 3: Specific Skill Proficiency

This section has more than 30 skills. You can select the ones you are proficient in from the enrollment form. You can choose a maximum of 4 skills. Each skill contains 10 questions.

