

COURSE DESCRIPTIONS OF DEPARTMENTAL SPECIALIZATION COURSES (MBA)

BUSINESS ECONOMICS (BECO)

BECO 6001: Mathematical Economics

Pre-requisite: MBA 5209

This course provides a comprehensive exposition of basic mathematical instruments that are commonly used in all fields of economics -microeconomics, macroeconomics, econometrics, international trade and finance, public finance, money and banking, resource and environmental economics, urban and regional economics, labor and human resources and industrial organizations. In addition, static analysis, comparative static analysis, and optimization methods are introduced. The primary emphasis is on illustrating how these tools can be used to analyze theoretical and practical economic problems that arise in the behaviors of households, firms, and markets.

BECO 6002: Applied Econometric Models

Pre-requisite: MBA 5209

This course shows how econometrics can be combined with economic theory to enhance the explanatory powers of economics. In addition, the course demonstrates how economic theories can be converted into a simple mathematical form suitable for estimation.

BECO 6003: Development Economics

Pre-requisite: MBA 5209

This course focuses on the role of public policy in economic development and the political context in which policy decisions are taken. The course provides an overview of development theories and concepts. It aims to elucidate the word development's diverse meanings and explain alternative theories of why and how development occurs in a given society or fails to do so. It explores the causes of why same-path-for-all development policies did not and will not bring any benefits to the different countries with diverse economic endowments.

BECO 6004: Political Economy

Pre-requisite: MBA 5209

The course looks at how economic outcomes can be affected by politics and the institutional structure underlying it. Topics such as heterogeneity of interests, electoral competition, partisan politics, fiscal and monetary policy, institutional design, political business cycles, politics, and growth are addressed. A firm grasp of microeconomic and macroeconomic concepts and a working knowledge of calculus would facilitate understanding the materials.

BECO 6005: Economics of Natural Resources and Environmental

Pre-requisite: MBA 5209

Environment and sustainable economic development are the most significant and contentious contemporary policy topics. This course will cover the interdependencies between the environment and the economy. It will offer underlying causes of environmental issues, why unregulated markets can occasionally fail in this setting, and various economic solutions, such as laws, taxes, subsidies, and pollution permit trading schemes.

BECO 6006: Bangladesh Economy

Pre-requisite: MBA 5209

Development is a dynamic process of economic encroachment, which depends on the structural formation and changes of the different sectors of the economy. It is extensively needed to comprehend the importance and contribution of the various sectors in the growth process of a country. This course will provide a wide range of knowledge about the economic structure of Bangladesh and the changing patterns of the economy in different periods. The problems and prospects of the sectors will be reviewed through updated works of literature. This will ultimately address the national issues of economic progression.

BECO 6007: Introduction to Game Theory

Pre-requisite: MBA 5209

Game theory is the study of multi-person decision problems. This introduces the game-theory models that can be applied to trading processes, the firm's behavior in input and output markets, and at international levels where countries choose the tariff and other trade.

BECO 6008: Economic Analysis of Law

Pre-requisite: MBA 5209

The course introduces the pervasive nature of business law and economics. It offers a coherent view of the legal and economic framework affecting the operation of business and the economy. It presents the effects of antitrust laws and their enforcement on the market organization and performance of the economy. It also develops to utilize the skills and knowledge gained throughout the course to solve practical problems involving law and economics. Students will know how law can affect business decisions and when businesses should seek professional advice.

BECO 6009: Labor Economics

Pre-requisite: MBA 5209

This course provides a theoretical and empirical discussion of labor markets. Labor relations and the labor market dynamics are discussed in considerable detail. This course aims to promote the growth of independent research interests in labor economics and related areas. Topics include labor supply and the determinants of work hours, migration, human capital investments, labor demand, determination of wages and employment, discrimination, internal labor markets, trade unions, and macroeconomic issues related to wages and employment.

BECO 6010: Health Economics

Pre-requisite: MBA 5209

Increasing pressure on healthcare budgets worldwide is focusing attention on how best to organize healthcare systems and the spending within them. This is a non-technical introduction to health economics concepts and how they can be applied at various health policy levels. The course concentrates on the economics of healthcare systems, discussing the role of markets and market failure in health policy, incentives and reform of health care, equity in health care, the evaluation of interventions such as the cost-effectiveness and cost-benefit analysis as applied to health care and the economics of health. This course also offers a general introduction to current research in health and medical care economics, geared to students with significant research interests related to these fields.