

COURSE DESCRIPTIONS OF DEPARTMENTAL SPECIALIZATION COURSES (BBA)

BUSINESS ECONOMICS (BECO)

BECO 4001: Microeconomics Theory

Pre-requisite: BBA 2222

This course familiarizes the students with the conceptual understanding of microeconomic theories and business applications, and the economy. The microeconomic theory describes individual economic agents' economic behavior and decisions since a market economy depends on the price system to guide decisions about the production, distribution, and consumption of goods and services. These behaviors affect relative prices that act as signals in a market economy to drive production and consumption decisions.

BECO 4002: Macroeconomics of Developing Countries

Pre-requisite: BBA 2222

Macroeconomics was developed in and for industrialized countries. Both theory and policy concern how monetary and fiscal policy should be used in industrialized economies to attain full employment, control inflation, and stabilize economic activity. Developing countries often use this corpus of knowledge, with its competing schools of thought, without any significant modification. However, it is unclear whether applying these theories to developing countries is justified or appropriate. This course will help to understand these theories.

BECO 4003: Mathematical Economics

Pre-requisite: BBA2222

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 4004: Applied Econometric Models

Pre-requisite: BBA 2222

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.

ECO 4005: Development Economics

Pre-requisite: BBA 2222

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 each 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 4006: Political Economy

Pre-requisite: BBA 2222

Globalization is generally understood as the lessening of the barriers to and strengthening the exchange of economic, political, and cultural relations across different countries of the world. In this course, the various aspects and dimensions of globalization (economic and political) will be presented, analyzed, and discussed.

BECO 4007: Economics of Natural Resources and Environment

Pre-requisite: BBA 2222

Environment and sustainable economic development are among the most critical 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 4008: Comparative Economic Analysis

Pre-requisite: BBA 2222

This course compares capitalist and non-capitalist social formations and the transition of social formations from one set of prevalent characteristics to a new and radically different set. This course discusses the theoretical problems in applying current economic theories (neoclassical, Marxian, and institutionalist) to the comparative analysis of social formations. It critically discusses the basic economic concepts and logic to separate science from polemics and develop new conceptual tools to analyze and differentiate economic systems.

BECO 4009: Bangladesh Economy

Pre-requisite: BBA 2222

Development is a dynamic process of economic encroachment, which depends on the structural formation and changes of the different sectors of the economy. Therefore, it is extensively needed to comprehend the importance and contribution of the various sectors in the growth process of a country.

BECO 4010: Introduction to Game Theory

Pre-requisite: BBA 2222

Game theory is the study of multi-person decision problems. This course 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 4011: Labor Economics

Pre-requisite: BBA 2222

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 4012: Health Economics

Pre-requisite: BBA2222

Health economics studies how resources are allocated to and within the health economy. The course examines the demand for health and health care, the nature of health care as a commodity and the behavior and organization of health care providers, health care financing and insurance, health care funding, innovation in health care (pharmaceuticals), methods for evaluating health care programs and interventions, and selected other topics.