

ECON (Economics)

ECON 1001 Foundation English I

In this course students will revise knowledge of basic sentence elements. Grammar is taught intensively which helps students become competent in four skills of English language. different types of sentence patterns, tenses, word classes and their functions, text grammar including different kinds of devices are taught to the students in order to develop their skills in English language.

ECON 1002 Foundation English II

This course aims at making students skilled in listening and speaking. Students will participate in group discussions and pair work. different kinds of texts and audio visual aids are used to make their speech fluent and appropriate in different contexts.

ECON 1003 Foundation English III

This course aims at improving the reading ability. It helps students gain knowledge of using English accurately and fluently in different contexts. It makes students competent in gaining information through skimming and scanning the texts along with new vocabulary and grammar items.

ECON 1004 Foundation English IV

This course aims at improving students writing ability. Free writing, controlled writing, guided writing, proof writing, planning, drafting and revising the text are taught to improve this skill. Paragraph, essay and letter writing are practiced here to make students competent in writing skill.

ECON 1101 Principles of Microeconomics

The main objective of this course is to provide fundamental knowledge of the economic organizations about human behavior in relation to their wants in societies and the underlying problems, principles and policies. The course attempts to make students understand as to how the economic principles govern the behavior of consumers, producers and various kinds of markets as to how the national income is distributed among the participants of productive process. The course aims at providing an elementary analysis of the role of market, the role of government and the role of Islamic ethics wherever warranted, in solving the basic economic problems. Topics to be covered include basic concepts, markets and government behavior in a modern economy, elasticities of demand and supply, market structures and factor markets.

ECON 1103 Principles of Macroeconomics

The course aims at giving the students knowledge of the basic working of mixed economy at the aggregate level. This will take into account the critical view of Islam on some aspects of conventional discussion, which are inconsistent with Islamic ethico-legal principles. Topics to be covered include basic concepts in macroeconomics, measurement of national income and output, inflation and unemployment, fiscal policy, monetary policy, commercial and central banking, working of commodity and money markets, stabilization policy, international trade.

ECON 1204 Statistical Methods

This course will expose students to general statistical techniques and their application to analyze practical problems usually encountered by professional economists and business analysts. The topics will include measures of central tendency and measures of dispersion, correlation and regression, graphical and numerical descriptive methods, probability and probability distributions, statistical inferences, analysis of variance, chi-square test, index numbers and time series analysis. The course also includes sampling techniques, preparation of questionnaires and its pre-testing, analytical process, data analysis and report writing.

ECON 1205 Foundations of Islamic Economics

This course is meant to provide a conceptual introduction to Islamic Economics. It is designed to enable students to understand how Islam and Islamic worldview, permeate all aspects of human life, including

economics. The basic premise of this course is that the study of Islamic Economics proceeds from the Islamic worldview and has to be developed according to a methodology that is founded down upon this worldview. Therefore, the 'foundations' that need elaboration are the meaning of Islam, the Islamic worldview, how knowledge is obtained in Islamic scholarship as well as certain fundamental concepts that is interlinked to form the framework of the Islamic Economic system. Since economics deals with the production, consumption, exchange and distribution activities of man, these areas will be addressed in the latter part of this course. Other more prominent areas of contemporary Islamic economics such as riba, the various contracts/financial transactions and issues in Islamic Banking will also be covered.

ECON 2306 Quantitative Methods

The basic objective of this course is to serve as a simple introduction to basic mathematical methods and their application to economics and business. The topics include calculus, matrix algebra and linear programming. This course will familiarize students with more commonly used types of quantitative techniques used in economics and business.

ECON 2307 Intermediate Microeconomics I

This course will familiarize the students with the concepts and tools of microeconomics. Microeconomics is concerned with how economic units (consumers, producers and government) make decisions and the underlying assumptions behind these decisions. The behavior and interaction of these units determine how markets and industries operate and evolve overtime. The course will survey microeconomic theories and various policy debates, including concepts, rationale and associated analytical techniques. In this course emphasis will be given on the concept of value and the dynamics of different ideological systems within which the micro units operate.

ECON 2308 Comparative Economic Systems

The objective of this course is to provide a comprehensive idea about capitalism, socialism, mixed economies, and the Islamic economic system and a comparison among them. The course deals with concepts of ownership, production, labor, consumption, economic growth, distribution, poverty alleviation, banking and insurance, public finance, public funds, economic cooperation among different countries and also international institutions.

ECON 2309 Intermediate Macroeconomics I

The intermediate Macroeconomics is required from economics majors. The course aims at an appreciation of macroeconomic theory and various policy debates with a suitable coverage of the concepts, their national and associated analytical techniques. Students should also be exposed to the various schools of thoughts that Deffes economic problem solving including the Islamic worldview.

ECON 2316 Economics

The course highlights basic concepts of economics. Microeconomics: develop on the students' skill in the systematic analysis of the economic aspects of business decisions and acquaints them with some relevant analytical methods and concepts. The courses cover concepts related to analysis of market as seen by

producers and consumers, relates them to production patterns distribution of income and allocation of resources in the context of a market economy. Macroeconomics: includes concepts, tools and techniques of macroeconomics. Emphasis is also given on national income and other related concepts like aggregate demand, supply, consumption and saving investment, demand for supply of money.

ECON 2410 Intermediate Microeconomics II

This is a continuation of intermediate Microeconomic theory. Major topics of this course include market structure its conduct and performance, factor pricing, externalities, general equilibrium and welfare economics. Emphasis will also be given on recent contributions to the above issues within and outside the neoclassical paradigm (Prerequisite: ECON 2309)

ECON 2411 Intermediate Macroeconomics II

The intermediate Macroeconomics II is required from economics major. The course aims at an appreciation of Macroeconomic theory and its practical application in national and international level.

ECON 3513 Econometrics

Basics of econometric methods and their applications to economic analysis and testing of theory. (Prerequisites: ECON 1204 & ECON 2306)

ECON 3514 Bangladesh Economy

Chronicles of the Bangladesh economy since August 1947. Discussion about Land Area-Population Issue, Density of Population and Per-capita, Availability of Land, Poverty of Population, Resource Endowments and their uses, Contribution by Agricultural Sectors, Industrial Sectors and Service Sectors to GDP. Employment Situation, Unemployment, Underemployment and Disguised Under-employment, Food, Literacy, Housing, Health and Sanitation, Domestic and International Trade, National Income Issues: Social and Economic Infrastructure: Development Strategies including rural development in particular, Banking and Insurance. National Budget: Transport and Communications and their Development.

ECON 3515 Money and Banking

Basic concepts of monetary economics. Major emphasis on differences between conventional and interest-free, Islamic approaches. Operations of Islamic Banks and other Islamic Financial Institutions in Bangladesh and those in other countries of the world.

ECON 3516 Jurisprudence for Economics

The objective of this course is to provide students with general knowledge of Shari'ah and Islamic jurisprudence. Topics covered are those related to economics and trade with detailed citations from the Quran and the Sunnah. The discussions will include the opinions of major schools of qh.

ECON 3617 International Economic Institutions

This course will familiarize the students with the contemporary international economic institutions, their establishment, objectives, functions, organizational structure and so on. The institutions include the UN system and its economic development initiatives and organizations, the World Bank, International Monetary Fund, UNCTAD, ILO, UNICEF, Asian Development Bank, Islamic Development Bank, GATT, and WTO.

ECON 3618 Public Finance

Considers budgetary aspects of public policy, dealing with public revenue through taxation and zakat, public expenditure, and public borrowing. Consequences of distribution, efficiency, and stabilization on taxation, expenditure, and borrowing policies.

ECON 3619 History of Western Economic Thought

Historical and critical survey of the work of major western economic theorists. This course will include discussions on the Mercantilists and Physiocrats, the Classical School, Neo-classical School, the institutional School, Keynesian School and Post-Keynesian Schools (Prerequisites: ECON 2410 & ECON 2411).

ECON 3620 International Economics

Examines the role of political economy in international economic policy, with major emphasis on issues currently dominating international trade relations. It includes discussion of imperfections in international trade, growth models of trade, possibility and importance of trade among the Muslim countries.

ECON 3621 Theory and Practice of Islamic Banking and Insurance

This course has been designed to prepare and familiarize the students in the field of Islamic banking and insurance. Major topics to be covered are the history and evaluation of Islamic banking, Islamic philosophy of ownership of financial resources, problem of interest, basic features of the conventional banking system, Islamic banking models, case studies of the practice of Islamic banking in Pakistan, Sudan, Malaysia and Bangladesh, role of Islamic banks in economic development, Islamic financial instruments and institutions, Islamic banks (central, commercial, development and others), Islamic financial markets, and Islamic insurance.

ECON 4722 Introduction to Islamic Economic System

This course will familiarize and present the students with a brief but comprehensive idea about the economic system of Islam. Major topics to be covered are: Meaning and scope of economics in Islam, Basic elements of Islamic economic system, comparison between Islamic and conventional economic systems, concepts such as production, consumption, exchange, distribution and property rights in Islam, consumption in Islam, factors of production, distribution of income and wealth in Islam, trade and commerce in Islam, some aspects of public finance in Islam, Fiscal policy and budgeting in Islam, Monetary policy. Islamic banking and economic development in Islam.

ECON 4723 SAARC Economy

Basis and brief idea of the economics of the SAARC countries and their economic development and cooperation.

ECON 4724 History of Islamic Economic Thought

Fundamental principles of Islamic Economics as enjoined in the Quran and sunnah and their application in the time of the Prophet, the Khulafa Rashideen, etc. Also analyzed are the thoughts of many Islamic scholars and researchers who have contributed to the field.

ECON 4725 Principles of Jurisprudence for Economics

The course provides students with knowledge on principles and methodology of deriving Shari'ah rules from the Islamic sources which will provide knowledge for them that will train the students to derive Shari'ah rules from the sources as practiced by great scholars of Islam based on Islamic basic source.

ECON 4726 Economic Cooperation among Muslim Countries

This course starts with the theory of economic integration among the Muslim Countries. Issues that are discussed include the resources of Muslim countries for economic development, cooperation in trade,

joint venture, technology, exchange of institutional settings, and problems and prospects of intra-Islamic cooperation.

ECON 4727 Development Finance

The objective of this course is to elaborate the methods and sources of development finance. The domestic sources of development finance covers the Keynesian approach, quantity they approach, taxation, voluntary savings, mobilizing and channelizing investable resources. The external sources of development finance include grants, soft and commercial loans, direct foreign investment and multinational cooperation, foreign aid and its implications

ECON 4828 Economic Development

This course examines major theories of economic growth and development to provide an analytical framework for formulation and appraisal of development strategies. Emphasis is given on development choices facing the contemporary third world, including Bangladesh.

ECON 4829 Agricultural Economics

This course covers basic concepts of the agro-based economy of Bangladesh and theory and practices of modern approaches to agriculture. Relevant principles and theories of economics are applied to agricultural business.

ECON 4830 Industrial Economics

The central objective of this course is to provide fundamental knowledge of the industrial economics or industrial organization of human societies and the underlying theories principles, evidence, issues and perspective policies. The course attempts to make students understand as to how the economic industry governs the behavior of consumers, producers and various kinds of markets, and the ways in

which economic forces operate within the industrial sector. The course also aims at providing an analysis of the role of corporate growth, diversification, merger and innovation, advertising, investment decision, performance, measurement and the role of state intervention in the private sector including privatization. The course additionally stresses on the role of Islamic ethics in solving the basic problems of the industrial economics.

ECON 4831 Rural Economics and Development

The course includes historical trend in structural change of Bangladesh Economy from colonial period to the present time. This course will provide knowledge to the student regarding available natural agricultural and mineral resources in different agro-ecological zones and then geographical locations and regions of Bangladesh. This course will also teach the students regarding proper mobilization, development of rural economic concept and its implication in and contribution to the development of rural economy in overall development of a Nation of rural economy in overall of a Nation more particularly in a developing country.

ECON 4832 Health Economics

The objective of Students introduction to financing and Economic evaluation of health care, help service management, Economics of health care, health policy and planning, costs of health service and benefits thereto by the patients, national health policy implementation. Comparison between economy of public and private health care facilities.

ECON 5101 Microeconomics

This course will provide a foundation for much of the coursework at the graduate level. The purpose of this course is to help the students to become competent in microeconomic theory. The course will cover topics such as consumer theory, new approaches to consumer theory, consumer surplus, risk and uncertainty, the theory of the firm, market structure theories and allocative efficiency, general equilibrium, economic efficiency, welfare theory, property rights, externalities and public goods.

ECON 5102 History of Western Economic Thought

An analysis of the development of economic thought in the West with special reference to the factors dominating each evolutionary phase and their implications for the methodology of conventional economics.

ECON 5103 Mathematical Economics

Sets, functions, limits, convexity, continuity; constrained and unconstrained optimization; difference and differential equations; matrix algebra; simultaneous equations; comparative statistics; Kuhn-Tucker theory; game theory: mathematical programming.

ECON 5104 Industrial Economics

Economic theory and evidence regarding industrial Market structure, conduct, and economic performance.

ECON 5205 Populations Human Resource Development

This course deals with major issues and theories of demography with an emphasis on planned human resource development. Major topics include population size and the problem of overpopulation, population planning, stages of populations, issues in education in a developing economy, vocational education, and higher education. Throughout the course, references will be made to the situation in Bangladesh.

ECON 5206 Islamic Financial Systems

This course is designed to help students comprehend management of household, business, community and public funds in an Islamic framework. Emphasis will be on understanding the principles, functions, roles, and practices of Islamic financial entities including Islamic commercial banks, central banks, Islamic securities markets, takaful, waqf and baitul mal.

ECON 5209 Theory of Public Finance

Allocation and distribution aspects of government budget policy; analysis of the effects of taxation on resource allocation and income distribution; impact of the public debt.

ECON 5210 International Islamic Economic Institutions

This course familiarize students with the major international Islamic economic organizations. The institutions include the OIC system and its economic departments, Islamic Development Bank, COMCEC, COMSTECH, Islamic Centre for Development of Trade, Ankara Center, ICTVTR, Islamic Foundation for Science, Technology and Development, Islamic Shipowners' Association, Islamic Cement Association, International Association of Islamic Banks, and International Islamic Economic Association.

ECON 6311 Advanced Econometrics

The focus is on the driving forces behind econometrics, namely, to increase the students' understanding of the real quantitative relations in modern economic life. This course plans to focus exclusively on such quantitative relations, important applications and empirical implementations of econometrics.

ECON 6312 Research Methodology

A study of research methodology and important econometric techniques relevant to applied research.

ECON 6314 Issues in Development

This course will deal with major issues in economic development. Current and contemporary issues of development will be discussed. Topics will be chosen from contemporary issues including growth vs. equity, self-sustaining growth, basic needs, foreign aid, rural development, rural credit, role of mosque in development, adult education and so on.

ECON 6315 Economics of Public Policy

This course intends to equip the students with the techniques of handling different kinds of public policy responses under different situations. This course will examine the macroeconomic policies (with emphasis on monetary and fiscal aspects) in an open economy under various conditions and the effectiveness and efficiency for structural adjustment policies as desired by the IMF and IBRD. Other relevant public policies such as tax and expenditure policies, trade policies, privatization and financial liberalization policies, poverty alleviation policies, policies on food aid and food prices along with the income distribution will also be highlighted particularly in the context of the developing economy.

ECON 6316 Fiqh for Economics

This course will be strongly based on the fiqh methodology, necessitating extensive citations from the Quran, the Sunnah and other subsidiary sources of the shari'ah. The economic issues are selected from a significant proportion of the more commonly faced and pertinent issues of contemporary times. This course will also deal with a comprehensive discussion on the shari'ah and fiqh, leading to discussions of wealth, ownership, sale, partnership, deposit, loan, mortgage and bankruptcy. An in-depth analysis of fiqh related to contracts, profit sharing, sale through deferred payments, riba, zakat, waqf, public policy and other selected topics.

ECON 6417 International Monetary Systems

The objective of this course is to analyze issues related to the political economy of international monetary relations. The thrust of the course is to develop an understanding of the theoretical underpinnings of the international monetary system and how it operates to the benefit of different groups of countries. The major areas include: Components of the International Monetary system; Balance of Payments; Gold Standard System; Bretton Woods system; The International Monetary Fund; Foreign Exchange Market, and Euro Currency Market; and Proposals for the Reform of International Monetary System.

ECON 6418 Economics of Bangladesh

This course mainly covers highlight major of Bangladesh economy. The course instructor will have enough flexibility to choose contemporary issues of Bangladesh economy. The probable topics include: population problem, poverty alleviation, MDG, PRSP, rehabilitation, human resource development, vocational training, higher education, agricultural development, agricultural extension services, natural calamities, irrigation and its socio-economic effects, industrial policy of Bangladesh, informal sector and so on.

ECON 6419 History of Islamic Economic Thought

This course attempts to track the development of economic thought among Muslim scholars since the early era of Islam, through the Islamic 'Medieval' periods, until recent times. Analyses of pertinent issues will be conducted encompassing areas such as the major contributions of each scholar, factors determining their thinking and the significant implications that these have on contemporary approaches. This course should enlighten the students on the rich literature on previous Muslim economic thinking, hence widening the students perspective of the various aspects of economic problem-solving.

ECON 6420 International Trade: Theory and Policy

The objective of the course is to impart an advanced analytical exposition of the theoretic models of international trade with special emphasis on the Hecksher Ohlim Samuelson model and Post-Leontief models. The course will help students to develop skills needed to analyze the complexities of trade flows and patterns of trade in the real world trading scenarios. The course attempts to provide an in-depth understanding of the pros and cons of trade policies currently being practiced by developed nations and the less developed countries, with special regard to developmental and welfare aspects. The course also attempts to provide a critical appraisal of the world trading system, the role of multilateral trade negotiations and the demand for a New International Economic Order. The course aims to study the emergence of regional trading blocks and customs union from theoretical and policy perspectives.

ECON 6421 Environmental Economics

This is designed to create an awareness among the graduate students of the significance of relationships between economic and environmental variables. It provides the required apparatus to enable them to take an objective view of the problems. It deals with the selected environmental policy issues | local and international | in a simple framework. Bangladeshi illustrations are to be used where appropriate.

ECON 6423 Rural Economics

As because Bangladesh is mainly of rural nature the students of economics should know the economic activities and institutions of rural Bangladesh so that they can contribute to the development of the rural economy of the nation.

Importance of Rural Economics, Economics of Agricultural, Irrigation, HYV, Agro-Technologies Inputs Subsidies, Rural Institutions, Role of Mosque, Gram Sarker, Union Parishad, Rural Transport, Rural Poverty, Zakat and Poverty Eradication in Rural Areas, Rural Education System, Village Politics, etc.

ECON 6424 Banking and Insurance in Bangladesh

This course will help the students to know the Bangladesh Bank, public banks, private banks and the public and private insurance companies of the nation and their function. Definitions, scopes, functions and contributions of those banks and insurance companies.

ECON 6425 Reading and Research

This course involves students extensively studying a particular area of interest, conducting research and to produce a substantive paper on the subject under active supervision and guidance of a teacher.

ECON 6426 Comparative Economic Systems

This course will provide different worldviews and their economic systems including the issues like: Basic Problems of every Economic System. Definition of Capitalism, its philosophical foundation, basic features, and critical analysis. Philosophical and ideological background of Socialism and Communism, basic features and causes of their failure. Concept of Free Economy, Market mechanism, Welfare Economy and Mixed Economy. Globalization, Worldviews, Definition of Islamic Economics, its Nature, Scope and Significance. A brief Comparative study of different Economic Systems. Theory of Firm behaviour, Savings and Investment, Principles of Monetary Policy, Public Finance and Fiscal Policy Contemporary economic problems, Islamic banking, Factor Pricing in Islamic Economics and Distributive Justice in Islam, Poverty Alleviation.

ECON 6427 Project Appraisal and Management

The focus of the course is to impart an advanced analytical exposition on Project Appraisal and Management. Major topics include project management, project planning, project implementation and monitoring, project control, and resource allocation. This course will help the students in their practical life, how to choose a project and handle it properly for the country's development.

ECON 6428 Advanced Microeconomic Theory

This course is a continuation of Principal of Microeconomics, Intermediate Microeconomics I, and Intermediate Microeconomics II. The topics of this course include consumer behavior, exchange, game theory, input-output analysis, intertemporal choices-interest, saving and investment, linear programming, and externality. (Prerequisites: ECON 1101, ECON 2307, and ECON 2410)

ECON 6429 Advanced Macroeconomic Theory

This course is a continuation of Principal of Macroeconomics, Intermediate Macroeconomics I, and Intermediate Macroeconomics II. The topics of this course include demand-side equilibrium-income and the interest rate, an introduction to monetary and fiscal policy, demand and supply in the labor market, expectations and economic policy, economic Growth, and scope of development macroeconomics. (Prerequisites: ECON 1103, ECON 2309, and ECON 2411)