

**BACHEROL DEGREE COURSE DESCRIPTION 2009/2010  
DEPARTMENT OF BUSINESS ECONOMICS**

**First: University Requirements (27 credit-hours)**

**\*) Compulsory Courses: 12 credit-hours**

Course Code	Course name	Credit-Hours	Pre-requisite
1501102	Communication Skills: Arabic Language 2	3	-
1502102	Communication Skills: English Language 2	3	-
1700100	National Education	3	-
1500100	Military Sciences	3	-

**\*) Elective Courses: 15 credit-hours to be chosen from the following courses:**

**\* First Area: Human Sciences**

Course Code	Course Name	Credit-Hours	Pre-requisite
1000101	Democracy & Human Rights	3	-
0401100	Islamic Culture	3	-
0402100	Islamic System	3	-
1702101	Islamic Civilization	3	-
0802100	Library & information Science	3	-
1132100	Sports and Health	3	-

**\* Second Area: Economic and Social Science**

1731100	Logic and Critical Thinking	3	-
1704100	Introduction to Social Sciences	3	-
1736100	Principles of Psychology	3	-
1723100	Archaeology of Jordan	3	-
1705100	Jordan Geography	3	-
1601105	Managerial Skills *	3	-

**\* This course must not be taken by the students of the Business Faculty or else it will be nullified**

**\* Third Area: Science and Technology and Agriculture and Health**

0342100	Science and Society	3	-
0305100	Environment	3	-
0641100	Home Agriculture	3	-
0905100	Principles in Public Safety	3	-
0603100	Human Nutrition Principles	3	-
0630100	Agriculture in Jordan	3	-

**\*) General Requirements:**

Course Code	Course Name	Credit-Hours	Pre-requisite
1501098	Arabic Language Exam	3	-
1502098	English Language Exam	3	-
1502099	English Communication Exam	3	-
1600150	Community Service	3	-
1901098	Computer Skills Exam	3	-

**Second: Faculty Requirements (24 credit-hours)**

Course Code	Course Name	Credit-Hours	Pre-requisite
1601102	Principles of Business Adm.	3	-
1602101	Principles of Accounting (1)	3	-
1603211	Principles of Finance	3	1602101
1604201	Principles of Marketing	3	-
1605215	Principles of MIS	3	-
1606102	Modern Public Management	3	-
1607110	Principles of Microeconomics	3	-
1607150	Principles of Statistics	3	-

### Third: Department Requirements (81 credit-hours)

a) Departmental Compulsory Courses: 60 credit-hours composed of:

Course Code	Course Name	Credit-Hours	Pre-requisite
1607111	Principles of Macroeconomics	3	-
1607115	Principles of Math. Economics	3	-
1607210	Microeconomic Theory	3	1607110
1607211	Macroeconomic Theory	3	1607111
1607212	Money & Banking	3	1607111
1607220	Public Finance	3	1607111
1607225	Industrial Economics	3	1607110
1607250	Statistical Analysis	3	1607150
1607311	Scientific Research in Economics	3	1607150
1607320	The Jordanian Economy	3	-
1607330	International Trade Theory	3	1607110
1607341	Mathematical Economics	3	1607115
1607362	Project Appraisal	3	1607110
1607371	Islamic Economics	3	1607111
1607411	Contemporary Economic Issues	3	1607111
1607415	Economic Development	3	1607111
1607421	Managerial Economics	3	1607110
1607431	International finance	3	1607111
1607440	Econometrics	3	1607150
1607460	Financial Economics	3	1607150

b) Departmental Elective Courses: 21 credit-hours to be chosen from the following

Course Code	Course Name	Credit-Hours	Pre-requisite
1601311	Operation Research	3	1607115
1601408	Leadership in Business	3	-
1601433	Business Ethics & social Responsibility	3	-
1601434	Institutional Governance	3	-
1602102	Principle of Accounting (2)	3	1602101
1603311	Financial Analysis	3	1603211
1603322	Investment Management	3	1603211
1603422	Islamic Banking	3	-
1605332	Electronic Business	3	-
1607214	Introduction to Game Theory And its Applications	3	1607210
1607223	Labor Economics	3	-
1607326	Competitiveness	3	1607110
1607335	Competition & Economic Regulation	3	1607210
1607350	Applied Statistics	3	1607150
1607352	Sampling: Theory and Application	3	1607150
1607413	History of Economic Thought	3	1607111
1607435	International Trade Policies and Systems	3	1607110

## Courses Offered by the Department:

Course Code	Course Name	Credit-Hours	Pre-requisite
1607110	Principles of Microeconomics	3	-
1607111	Principles of Macroeconomics	3	-
1607115	Principles of Math. Economics	3	-
1607150	Principles of Statistics	3	-
1607210	Microeconomic Theory	3	1607110
1607211	Macroeconomic Theory	3	1607111
1607212	Money & Banking	3	1607111
1607214	Introduction to Game Theory And its Applications	3	1607210
1607220	Public Finance	3	1607111
1607223	Labor Economics	3	-
1607225	Industrial Economics	3	1607110
1607250	Statistical Analysis	3	1607150
1607311	Scientific Research in Economics	3	1607150
1607320	The Jordanian Economy	3	-
1607326	Competitiveness	3	1607110
1607330	International Trade Theory	3	1607110
1607335	Competition & Economic Regulation	3	1607210
1607341	Mathematical Economics	3	1607115
1607350	Applied Statistics	3	1607150
1607352	Sampling: Theory and Application	3	1607150
1607362	Project Appraisal	3	1607110
1607371	Islamic Economics	3	1607111
1607411	Contemporary Economic Issues	3	1607111
1607413	History of Economic Thought	3	1607111
1607415	Economic Development	3	1607111
1607421	Managerial Economics	3	1607110
1607431	International finance	3	1607111
1607435	International Trade Policies and Systems	3	1607110
1607440	Econometrics	3	1607150
1607460	Financial Economics	3	1607150

**Course Title** 1607110 PRINCIPLES OF MICROECONOMICS

**Credit Hours** 3

Prerequisite: (None)

The course covers fundamental ideas such as scarcity, opportunity cost, market and prices, the analytical tools of microeconomics consumer, producer, and cost theories, market structure under perfect competition, monopoly, monopolistic competition, and oligopoly

**Course Title** 1607111 PRINCIPLES OF MACROECONOMICS

**Credit Hours** 3

Prerequisite: (None)

The course covers the following subjects: Principles of Macroeconomics, National Accounting, Theory of Distribution: rent, profits, rate of interest, The role of the government and its fiscal policy in equilibrium, Keynesian Aggregate Demand and Aggregate Supply and Macroeconomic Equilibrium, Principles of Money and Banking and the Monetary Policy.

**Course Title** 1607115 INTRODUCTION TO MATHEMATICAL ECONOMICS

**Credit Hours** 3

Prerequisite: (None)

The course covers the necessary math and calculus for economic models and economic analysis, including demand and supply functions, production and cost functions, maximization of output, profit and utility, cost minimization, one variable and two variable economic models, national income functions.

**Course Title** 1607150 PRINCIPLES OF STATISTICS

**Credit Hours** 3

Prerequisite: (None)

The course covers basic statistical concepts and techniques and presents procedures for applying them. The emphasis is on the application of statistical knowledge and it consists of: Descriptive statistics k . Correlation and regression, Index numbers, Probability concepts

**Course Title** 1607210 MICROECONOMIC THEORY

**Credit Hours** 3

Prerequisite: (1607110)

The course expands the students understanding of the basic micro economic principles and covers utility theory and consumer demand, production, costs and the supply curve. Theory of market structure, pure competition, monopolistic competition, oligopoly.

**Course Title**    **1607211 MACROECONOMIC THEORY**

**Credit Hours**    **3**

Prerequisite: (1607111)

The course covers the following subjects: aggregate effective demand and its main components; consumption, investment, government expenditure and the trade surplus. The Keynesian concept of money and the monetary market. The classical integrated model. An introduction to general equilibrium analysis and the (IS) and the (LM) curves. Monetary and fiscal policies

**Course Title**    **1637212 MONEY AND BANKING**

**Credit Hours**    **3**

Prerequisite: (1607111)

The course covers the role of money and banking in the economy. It includes, Money: definition, functions, development and role in economic system; Theory of quantity of money. Modern money; analysis; Banks types, functions, banking system in Jordan; Monetary policy and its tools.

**Course Title**    **1607214 INTRODUCTION TO GAME THEORY AND ITS APPLICATIONS**

**Credit Hours**    **3**

Prerequisite: (1607210)

The course analyzes strategic problems, zero-sum games, non-zero sum games, minmax and maxmin strategies, mixed strategies, dominant solvability, Nash equilibrium, one stage games, extensive form games and backward induction, sub-game perfect equilibrium, repeated games, games with incomplete information, and signaling games, economic applications for Game Theory.

**Course Title**    **1607220 PUBLIC FINANCE**

**Credit Hours**    **3**

Prerequisite: (1607111)

The course covers the importance of government's role in the economic system via its revenues and expenditure. It contains the following major subjects: Government Revenues and Expenditures. Government Fiscal Policy. Government Budget.

**Course Title**    **1607223 LABOR ECONOMICS**

**Credit Hours**    **3**

Prerequisite: (None)

The course covers the development of the labor economics, labor market and its components, elasticity of labor supply, analysis of labor demand and determinants, wages and their economic importance and theories, the relationship between wages and productivity, man power planning, industrial relationship and its effect on macroeconomic variables, the Jordanian labor market.

**Course Title** 1607225 INDUSTRIAL ECONOMICS

**Credit Hours** 3

Prerequisite: (1607110)

The course covers the theoretical and applied areas of industrial economics, including: Employment in the modern industrial system, Patterns of industrial development in advanced and developing countries, Analysis of markets, cost conditions, product differentiations, market structure and pricing behavior, Objective of industries, growth, financing, investment, research and development and innovation, Merger and market structure, Public policies towards market structure.

**Course Title** 1607250 STATISTICAL ANALYSIS

**Credit Hours** 3

Prerequisite: (1607150)

This course increases the student ability in dealing with statistical data. It contains the following subjects: Statistical estimation confidence intervals, various types of estimates, Testing hypothesis, various types of tests, Multiple regression and correlation, Analysis of variance

**Course Title** 1607311 SCIENTIFIC RESEARCH IN ECONOMICS

**Credit Hours** 3

Prerequisite: (1607150)

It covers the concept of scientific research and its definition and kinds of scientific research, Stages and objectives of scientific research, kinds and sources of Data and Data collection: Questionnaire, population and sample: kinds of sampling, The relation between Statistics and Scientific research: implementation and analyzing data using Statistical Methods with SPSS, writing reports.

**Course Title** 1607320 THE JORDANIAN ECONOMY

**Credit Hours** 3

Prerequisite: (None)

The course studies gross domestic product, its development, sources, uses and structure, Jordan monetary and fiscal policies, and the balance of payment. It concentrates on the structural distortions of Jordan economy and the progress achieved in dealing with them. Finally, it evaluates the Jordan economy using some economic performance indicators.

**Course Title** 1607326 COMPETITIVENESS

**Credit Hours** 3

Prerequisite: (1607110)

The course covers concepts of competitiveness, the historical evolution of the concept, theoretic models and the rationale behind the preconditions of competitiveness, the main actors involved in creating and raising a country's competitiveness, overview of the different possibilities to measure competitiveness, an overview about the multitude of determinants of competitiveness on meta, macro, meso, and micro levels, preparing a project or a case study.



**Course Title** 1607330 INTERNATIONAL TRADE THEORY

**Credit Hours** 3

Prerequisite: (1607110)

The course covers the pure theory of international trade, including: classical theory of international trade (comparative advantage), neoclassical theory of international trade (factor abundance model), modern theories of international trade: international trade under monopolistic competition, tastes similarity, product cycle. The role of international trade in economic growth and welfare, foreign trade of Jordan.

**Course Title** 1607335 COMPETITION AND ECONOMIC REGULATION

**Credit Hours** 3

Prerequisite: (1607210)

The course discusses market structures, market failures causes and welfare effects, Competition and market efficiency including allocative, productive, and dynamic efficiencies, Competition policies and regulation theories of regulation, regulation pros and cons, competition laws: purposes and impacts, sector application.

**Course Title** 1607341 MATHEMATICAL ECONOMICS

**Credit Hours** 3

Prerequisite: (1607115)

The course use mathematical tools (calculus and matrix algebra) in economic analysis, which includes the following: Economic models and equilibrium analysis Comparative static analysis, Optimization technique in case of one or more than one choice variable, constrained optimization, Utility maximization and consumer demand, Cost minimization.

**Course Title** 1607350 APPLIED STATISTICS

**Credit Hours** 3

Prerequisite: (1607150)

Application for different Statistical methods such as calculating the mean and variance, constructing point and interval estimations, and testing hypotheses, using the analysis of variance tables, Index numbers: Kinds and Measuring index numbers and time series: components, kinds, applications and analysis for time series

**Course Title** 1607352 SAMPLING: THEORY AND APPLICATION

**Credit Hours** 3

Prerequisite: (1607150)

This course presents a comprehensive account of sampling theory with illustration to show how the theory is applied in practice and with a supply of exercises to be worked by students. This course covers the following: simple random sampling estimation of population, population size, proportion and percentages systematic sampling, and cluster sampling (Multi stage sampling).

**Course Title**     **1607362 PROJECT APPRAISAL**

**Credit Hours**   **3**

Prerequisite: (1607110)

This course consists basically of the way projects are studied in the context of investment decisions, projects' appraisal phases, economic study and evaluation of a project including, market study, financial study (inflows and outflows), criteria for private and public projects evaluation, and methods for calculation equivalent values, Time value of money, (equivalent annual cost, internal rate of return and net present value), risk analysis.

**Course Title**     **1607371 ISLAMIC ECONOMICS**

**Credit Hours**   **3**

Prerequisite : (1607111)

The course covers the basics of Islamic economics in comparison to other systems. The course contains the following: The Islamic economic system versus capitalism and socialism, The role of the government with respect to land ownership, agrarian reform, industrialization, and preventing monopolies, Monetary policy of the state, The public spending.

**Course Title**     **1607411 CONTEMPORARY ECONOMIC ISSUES**

**Credit Hours**   **3**

Prerequisite: (1607111)

The course discusses the most contemporary economic issues worldwide.

**Course Title**     **1607413 HISTORY OF ECONOMIC THOUGHT**

**Credit Hours**   **3**

Prerequisite: (1607111)

The course focuses on the development of economic thought over the different ages on economic school of thought, mercantile, Les physiocrats, classical theory, Marxism and socialism, Keynesian economic thought, Neoclassical and modern economic thought.

**Course Title**     **1607415 ECONOMIC DEVELOPMENT**

**Credit Hours**   **3**

Prerequisite: (1607111)

The course contains the following subjects: Features and measures of economic development, agriculture in economic development, problems of industrialization, and theories of economic development, investment standards in evaluating projects, international trade and economic development.

**Course Title**     **1607421  MANAGERIAL  ECONOMICS**

**Credit Hours**    **3**

Prerequisite: (1607110)

The course to integrate various principles and concepts from different fields of business administration through a variety of areas that relate to problems of economic decision-making and policy formulation at the level of the firm. It analyses the market structures, production, costs, pricing Policies, location theories, capital budgeting and evaluation of economic units performance.

**Course Title**     **1607431  INTERNATIONAL  FINANCE**

**Credit Hours**    **3**

Prerequisite: (1607111)

The course covers balance of payments major accounts and its relations to the macro economy, the different approaches to the balance of payments, prices and markets of foreign exchange, theories of exchange rates determination, and different approaches to internal and external balances.

**Course Title**     **1607435  INTERNTIONAL  TRADE  POLICIES  AND  SYSTEMS**

**Credit Hours**    **3**

Prerequisite: (1607110)

The course covers the policy side of international trade. In particular, it covers the following main subjects: commercial policies; imports and exports restrictions, protection theory and arguments, economic integration, multinationals and economic blocks, international trade agreements (GATT and WTO).

**Course Title**     **1607440  ECONOMETRICS**

**Credit Hours**    **3**

Prerequisite: (1607150)

The course provides students with the theoretical and applied background in econometrics, methods of econometric analysis, measurement and data analysis, simple regression analysis and its applications in demand, consumption, hypotheses testing and confidence intervals, prediction theory and some other econometric problems, multiple regression analysis.

**Course Title**     **1607460  FINANCIAL  ECONOMICS**

**Credit Hours**    **3**

Prerequisite: (1607160)

The course covers the components and the characteristics of debt instruments in the money market and capital market, classification of financial intermediaries into depository institutions, contractual savings institutions, investment-type financial intermediaries, determinants of interest rate, its structure, and the theories that explain its behavior, examination of the behavior of stock market and the foreign exchange market over time, how to measure their performance, the factors that affect them, and the central bank's role in influencing the path of each of them.

