



پوهنتون كاردان
KARDAN UNIVERSITY

Course Catalogue

For Bachelor's in Economics



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Program Introduction

The Study of Economics gives you an understanding of the ups and downs in the economy, the business markets and the government. The Bachelor of Economics is designed for those students who wish to pursue careers as analysts or economists. Economists can be consultants and managers at public and private sector organizations



Course Curriculum

Core Courses				
No.	Code	Course Name	Pre-requisite	Credits
1	EC-2501	Principle of Economics		4
2	EC-2101	Principles of Accounting		4
3	EC-2502	Micro Economics	Principle of Economics	4
4	EC-2503	Macro Economics	Micro Economics	4
5	EC-2504	Advanced Micro Economics	Micro Economics	4
6	EC-2505	Principles of Management		4
7	EC-2601	Advanced Macro Economics	Macro Economics	4
8	EC-2602	Mathematical Economics		4
9	EC-2205	Business Statistics		4
10	EC-2603	Monetary Economics		4
11	EC-2604	International Trade		4
12	EC-2605	Urban Economics		4
13	EC-2305	Financial Management	Principles of Accounting	4
14	EC-2304	Inferential Statistics	Business Statistics	4
15	EC-2202	Organizational Behavior		4
16	EC-2702	Agricultural Economics		4
17	EC-2401	Project Management	Principles of Management	4
18	EC-2402	Entrepreneurship		4
19	EC-2302	Human Resource Management	Principles of Management	4
20	EC-2404	Research Methods	Inferential Statistics	4
Total Courses				20
Total Credits				80



Specialization Courses*				
No.	Code	Course Name	Pre-requisite	Credits
Finance (Choose 4 Courses)				16
1	EC-3101	Corporate Finance	Financial Management	4
2	EC-3102	International Finance	Financial Management	4
3	EC-3103	Working Capital Management	Financial Management	4
4	EC-3104	Auditing	Financial Management	4
5	EC-3105	Intermediate Accounting	Financial Management	4
General (Choose 4 Courses)				16
1	EC-3301	Industrial Economics	Advanced Macroeconomics	4
2	EC-3302	International Economics	Advanced Macroeconomics	4
3	EC-3303	Development Economics	Advanced Macroeconomics	4
4	EC-3304	Econometrics	Research Methods	4
Total Courses				4
Total Credits				16

* New courses may be offered

General Courses*				
No.	Code	Course Name	Pre-requisite	Credits
1		Management Information System		3
2		Accounting Information System		3
3		E-Commerce		3
4		College Algebra		3
5		Policy Development		3
6		Effective Presentation Skills		3
7		English Language		3
8		English Composition		3
9		Human Rights		3
10		Business Ethics		3
11		Environmental Studies		3
12		Sociology		3
Total Courses				12
Total Credits				36

* General courses can be selected from other departments as well.



General Courses Distribution				
No.	Code	Course Name	Pre-requisite	Credits
1		Professional Development		15
2		Languages		6
3		General Knowledge		15
Total Courses				12
Total Credits				36

Thesis				
No.	Code	Course Name	Pre-requisite	Credits
1	EC-2550	Undergraduate Thesis		6
Total Courses				1
Total Credits				6

Summary			
No.	Category	Credits	Percentage
1	Core	80	58%
2	Specialization	16	12%
3	General	36	26%
4	Thesis	6	4%
Total		138	100%

Graduation Requirements		
No.	Category	Criteria
1	University Orientation	Pass
2	Credit Requirement	138 Credits
3	Thesis Defense	Pass
4	English Competency Test	Pass
5	Professional Seminars	6 Hours



Individual Course Descriptions

Core Courses

Principle of Economics	
Course Code	EC-2501
Credits	4
Pre-requisite	None
Description	Economics is the social science of choices, whether that choice is made by an individual, a firm, a government or a planet. It is a science in that economists try to explain and rationalize behavior through models and hypothesis testing. It is social because, at the end of the day, interaction between economic agents is what drives the most interesting and engaging questions. This course is an introduction to the fundamentals of both microeconomics and macroeconomics.

Principles of Accounting	
Course Code	EC-2101
Credits	4
Pre-requisite	None
Description	This course is an introduction to the basic concepts and standards underlying financial accounting systems. Several important concepts will be studied in detail, including: revenue recognition, inventory, long-lived assets and long term liabilities. The course emphasizes the construction of the basic financial accounting statements - the income statement, balance sheet, and cash flow statement - as well as their interpretation.



Micro Economics

Course Code EC-2502

Credits 4

Pre-requisite Principle of Economics

Description

This course introduces economic analysis of individual, business, and industry choices in the market economy. Topics include the price mechanism, supply and demand, optimizing economic behavior, costs and revenue, market structures, factor markets, income distribution, market failure, and government intervention. Upon completion, students should be able to identify and evaluate consumer and business alternatives in order to achieve economic objectives efficiently.

Macro Economics

Course Code EC-2503

Credits 4

Pre-requisite Micro Economics

Description

Students examine how the economy behaves at the aggregate level and how national income is measured and determined. Topics include an overview of macroeconomics; measuring gross domestic product, inflation and unemployment; demand including the multiplier process; supply, business cycles, long-term growth, monetary policy; inflation; interest rates; stagflation; deficits and fiscal policy; exchange rates and balance of payments. Emphasis is placed on basic principles involved in the determination of the level of national output, the aggregate price level, and the money supply.

Advanced Micro Economics

Course Code EC-2504

Credits 4

Pre-requisite Micro Economics

Description

This course will cover the fundamental tools in microeconomics, and also introduce some rigorous mathematical treatment used in microeconomic analysis. Aside from the obvious goal of teaching microeconomic theory, in a broader sense the course is intended to promote an “economic way of thinking” and sharpen skills relating to the interpretation, application and communication of economic analysis. Microeconomic theory is founded on the premise that these individuals behave



rationally, making choices that are optimal for themselves and how the markets are organized. It will cover topics in consumer theory, producer theory

Advanced Macro Economics

Course Code EC-2505

Credits 4

Pre-requisite Macro Economics

Description

The purpose of this course is to provide an overview of closed and open economy macroeconomic theory with coverage of important theoretical issues and methods. A critical assessment is made of the analytical underpinnings of contemporary mainstream economic theories and policies, and heterodox alternatives are explored. Topics covered include: advanced models in macroeconomics with special emphasis on explanations of business cycles, theories of economic growth, open macroeconomics and implications for economic policy design in advanced and developing economies.

Mathematical Economics

Course Code EC-2602

Credits 4

Pre-requisite Principles of Economics

Description

The purpose of this course is to introduce you to the concepts and procedure and application of Mathematics to economics from the perspective of the user. I assume that you are studying for, or are in, a management position as opposed to a purely Executive position (To clarify optimized results i.e. minimize cost and maximize the profit). Therefore the emphasis will be on how to use information more than how to create it. You will likely find that we cover material that you have been exposed to in other courses in the program, such as Managerial economics, Financial Mathematics, Linear Programming to Maximize the profit and Minimize the cost.

Business Statistics

Course Code EC-2205

Credits 4

Pre-requisite None

Description

In this course, the student is introduced to the subject of business statistics to include the need for quantitative analysis in business, the basic procedures in problem solving, and the sources and types of data used by business firms. Basic probability concepts and normal probability distribution will be used by the student to solve problems which involve business applications. In addition, hypothesis testing and simple regression analysis are introduced.

Inferential Statistics

Course Code EC-2304

Credits 4

Pre-requisite Business Statistics

Description

This course will be dealing with the comparison of different groups for the purpose of making inferences. Therefore, statistical procedures applied for this purpose are inferential. Inferential statistics is used to reach conclusions that extend beyond the immediate data alone. For instance, we use inferential statistics to try to infer from the sample data what the population might think. Or, we use inferential statistics to make judgments of the probability that an observed difference between groups is a dependable one or one that might have happened by chance in this study.

Monetary Economics

Course Code EC-2603

Credits 4

Pre-requisite Macro Economics

Description

Monetary Economics is a two-semester course designed for the fourth-year students studying Economics, and Finance and Banking. The course focuses on the issues of monetary policy implementation in the closed and open economy contexts. It covers topics of money creation and monetary transmission mechanisms, inflation and expectations, neutrality of money. The material provides students with the theoretical background on the classical and Keynesian approaches to the monetary policy and discusses their empirical evidence. The most important topics are the term structure of the interest rates and extended discussion in to the international dimension.



Principles of Management	
Course Code	EC-2505
Credits	4
Pre-requisite	None
Description	<p>This course offers an analysis of management theory and provides opportunities for application of these ideas in real world situations. The analysis focuses on the managerial functions of Assessing, Planning, Organizing, and Controlling. Both traditional and cutting-edge approaches are introduced and applied. Specific attention is paid throughout the course to the ethical implications of managerial action and inaction.</p>

Project Management	
Course Code	EC-2401
Credits	4
Pre-requisite	Financial Management
Description	<p>The aim of this course is to equip students with the knowledge of project management and skills that a successful project manager uses for effective initiation, implementation and termination of a project. Students get knowledge of different players involved in projects as well as in-depth information regarding organizational structure, scheduling and communication etc for projects. Students are also taught how to prepare project feasibility studies, conduct financial and risk analysis which is the core outcome of this subject.</p>

Financial Management	
Course Code	EC-2305
Credits	4
Pre-requisite	Financial Accounting
Description	<p>Decisions in business proceedings aim at creation of value for its owners or shareholders. The Financial Manager plays a dynamic role in a modern company's development and to the vitality and growth of the economy as a whole. The purpose of orienting our student of financial management to this course is to provide them an opportunity of understanding the process of adaptability to change in the financial arena, raise and invest funds efficiently and wise asset management. The course will help the students to develop their financial management decision making ability.</p>

International Trade

Course Code EC-2604

Credits 4

Pre-requisite Macro Economics

Description

International Trade deals with the economics of globalization or cross-border economic activity. More specially, the course focuses on international transactions that involve a physical movement of goods (trade flows) or of factors of production (migration, foreign direct investment). Three themes are explored, the gains from trade, including the impact of trade on income distribution, the pattern of trade (who sells what to whom?), and protection (if trade is beneficial, why do countries protect domestic production?).

Entrepreneurship

Course Code EC-2402

Credits 4

Pre-requisite None

Description

This course is designed to help students evaluate the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. Students will learn about themselves, their decisions, and their goals to determine how entrepreneurship can play a role in their lives. Students will also be introduced to entrepreneurship from an economic perspective and the concepts of environmentally sustainable practices and social entrepreneurship.

Agricultural Economics

Course Code EC-2702

Credits 4

Pre-requisite None

Description

This course focuses on the economics of agricultural production and the decisions taken by the farmer and by the food markets dictating the pricing structure for agricultural products. It also emphasizes the reasons behind changes in supply, the agricultural land ownership structure and schemes behind agricultural marketing. This course assists students to acquire theoretical models that will help in analyzing agricultural prices, demand and supply, and the linkage between the agricultural sector and other nonagricultural sectors.

Urban Economics

Course Code EC-2605

Credits 4

Pre-requisite None

Description

You will study the main economic forces that lead to the existence of cities and regional agglomeration. In particular you will study the theory and evidence on the emergence of cities and their effect on worker productivity, urban amenities, and congestion. We will discuss the problems in measuring these urban characteristics, the methodologies to do it, as well as the design of optimal urban policy. We will also study the economic theory and evidence on the internal structure of cities together with the urban and housing policies that can enhance urban living. Finally, the course will analyze the role cities play in aggregate economic development.

Research Methods

Course Code EC-2404

Credits 4

Pre-requisite Inferential Statistics

Description

This course is designed to provide students with the necessary skills and knowledge to determine the information necessary to address an identified research problem (basic or applied) and, using this understanding, develop and use an actionable research proposal. In this process, the students will gain an understanding of relevant approaches and elements of undertaking a research enquiry specifically to provide insights to solving a relevant problem. They will develop critical core competencies and skills required to carry out such an enquiry.

Economics Specialization Courses – General

Industrial Economics

Course Code EC-3301

Credits 4

Pre-requisite Advanced Macro Economics

Description

This course provides an introduction to current theory and empirical work in Industrial economics. It starts by examining the internal structure of firms. It then moves on to the analysis of various aspects of strategic interaction between firms and the determinants of industrial structure. Finally, it discusses the role of policy in

the context of competition and industrial policies and regulation. The emphasis will be throughout on understanding how the theoretical tools can be used to analyze real world issues. The theory will be confronted against empirical evidence, and its implications for public policy and business strategy will be discussed.

International Economics

Course Code EC-3302

Credits 4

Pre-requisite Advanced Macro Economics

Description

The objective of this course is to deal with international finance and monetary issues. It covers topics such as foreign aid, economic development and the gap model; theories of international capital flows; growth-cum-debt model and debt sustainability; foreign exchange markets and exchange rate policies; macroeconomic models with capital flows; currency crisis models; theory of optimal currency area and monetary union; management of capital flows; dynamics of global financial crisis, issues of international governance and cooperation in managing financial flows.

Development Economics

Course Code EC-3303

Credits 4

Pre-requisite Advanced Macro Economics

Description

Development economics discusses the unique situations in developing countries, considering social, political, institutional and cultural aspects. Research in development economics can range from broad, macroeconomic questions such as what factors impact economic growth in poorer countries, to specific questions of what policies best help particular individuals in particular regions of particular countries; from questions about farming decisions and productivity in rural areas to questions about housing, disease, and informal labor in urban areas; from questions about corruption and governance to questions about the role of assistance from foreign countries; and more.



Econometrics

Course Code EC-3304

Credits 4

Pre-requisite Research Methods

Description

The course focuses on regression analysis with cross-section data, under the familiar assumption of random sampling. This setting simplifies the exposition of the main results, requiring assumptions that are relatively straightforward yet realistic. The analysis of time series data is postponed to the last part of the course. This allows highlighting potential pitfalls that do not arise with cross-sectional data.

Economics Specialization Courses – Finance

Corporate Finance

Course Code EC-3101

Credits 4

Pre-requisite Financial Management

Description

This course explores several key issues related to companies, investors, and the interaction between them in the capital markets. Corporate finance is the area of finance dealing with the sources of funding and the capital structure of corporations and the actions that managers take to increase the value of the firm to the shareholders, as well as the tools and analysis used to allocate financial resources. The primary goal of corporate finance is to maximize or increase shareholder value.

International Finance

Course Code EC-3102

Credits 4

Pre-requisite Financial Management

Description

Businesses are operating in an increasingly competitive global environment. Managing businesses either directly or indirectly exposed to international competition requires an understanding of currency risks and international financial markets. This course aims at providing students with an in-depth knowledge of these issues.



Working Capital Management

Course Code EC-3103

Credits 4

Pre-requisite Financial Management

Description

Students will study the different components of working capital (cash, receivables, payables, inventory, etc.), and how to manage them so as to maximize shareholder wealth. The principles and concepts of finance theory will be applied to problems and decisions associated with working capital. We will focus on the optimal (or value-maximizing) use of working capital.

Auditing

Course Code EC-3104

Credits 4

Pre-requisite Financial Management

Description

This course is designed to make the students familiar with the application of basic methods and techniques of auditing. The course deals with the auditing concepts, audit procedures, audit techniques and audit reports for a number of entities. The main aim of auditing is to provide the students with an appropriate knowledge of Auditing to enable them to apply auditing methods and techniques for identifying and preventing errors and frauds.

Intermediate Accounting

Course Code EC-3105

Credits 4

Pre-requisite Financial Management

Description

This course expands upon the underlying framework and concepts of Intermediate Accounting in the context of how accounting fits into the overall business environment of contemporary society. This course is the first in a two-course sequence of Intermediate Accounting. It provides a comprehensive review of the accounting process that was initially discussed in Financial Accounting. Students will study the conceptual basis of accounting. Students will also deepen their understanding of the preparation and understanding of classified financial statements and related information and apply analytical tools in making both business and financial decisions.



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