



Democritus
University
of Thrace

Department
of
Economics

ERASMUS GUIDE

FOR INCOMING STUDENTS



Democritus
University
of Thrace

Department
of
Economics

University Campus, Komotini
P.C.69100, Greece
email: secr@econ.duth.gr

Dear Erasmus Students,

Welcome to the Department of Economics at Democritus University of Thrace. We are delighted to have you here and look forward to supporting you throughout your Erasmus journey.

This Erasmus Guide has been carefully designed to help you settle in, navigate your studies/course, and make valuable the most of your time with us. Inside, you'll find key information about our department, course offerings, procedures, and practical advice to enhance your experience. It covers key information for your integration into our academic community.

We encourage you to take full advantage of the opportunities available, engage with your peers, connect with faculty, and immerse yourself in the vibrant research and educational environment. If you have any questions or need assistance, our Erasmus coordinators and administrative staff are here to help.

We wish you a rewarding, enriching, and enjoyable experience.

Professor Dimitrios Dimitriou

Head of the Department of Economics
Director of the Research Lab MaGBISE
Democritus University of Thrace



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Fall Semester Courses (list)

1 st semester	3 rd semester
Business Administration I	Business Administration II
Mathematics I	Cost Accounting and Managerial Accounting
Accounting I	Financial Analysis
Microeconomic Theory I	Statistics II
Informatics I	

5 th semester	7 th semester
Commercial Law II	Commercial Law IV
Econometrics I	Consumer Behavior - Market Research
Economics and Management of Transport and Infrastructure	Economics of Northeastern Europe
Human Resource Management	Entrepreneurship I
International Economic Development: institutions and policies	History and Methodology of Economic Thought
International Economics I	International Economic Relations and Economic Diplomacy
International Political Economy	Monetary Policy
Risk Management	Public Finance
Special Change Management and Innovation Issues	Theories of Economic Growth
	Total Quality Management



Spring Semester Courses (list)

2nd semester
Accounting II
Informatics II
Macroeconomic Theory I
Mathematics II
Statistics I

4th semester
Banking and Finance
Commercial Law I
Industrial Economics
Marketing
Microeconomic Theory II

6th semester
Business Strategy
Commercial Law III
Comparative Economic Systems
Decision Theory
Econometrics II
Economic Policy
International Business Relations
International Economics II
Labor Economics
Supply Chain Management (Logistics)

8th semester
Corporate Social Responsibility and Sustainable Development
Decision Support System
Dynamical Systems (syllabus?)
e-Commerce
Employment Relations
Entrepreneurship II
Financial Derivatives
Foreign Direct Investment & Multinational Companies
Insurance
International Management
Operations Research
Regional Economic Development
Theories of Economic Growth



Brief Course Description

Accounting I

Accounting I attempts an introduction to the fundamental theoretical background of accounting. In essence, this course focuses on the presentation and understanding of the role of accounting information in the decision-making process. Emphasis is given to the nature of this information and the financial reporting process. More specifically, the discussion provides issues such as the establishment of financial statements, their context and criteria for the grouping of the economic figures, accounting principles, the Journal and the recording of the accounting facts, the Ledger, and analytical presentation of the stage of the accounting cycle. Furthermore, the course aims to develop critical thinking and capacity enhancement regarding accounting issues. This course provides essential knowledge for students in the field of economics and, in combination with the other accounting courses, offers an integrated background for graduates who desire to continue their studies in the science of accounting and finance.

Click [here](#) for the course outline

Accounting II

In this course the discussion focuses on the examination advanced accounting issues. The study of these topics is based on the policies framework of the IFRS and the new Hellenic Accounting Standards. Moreover, a significant part of this course attempts to provide the differences between IFRS and the new Hellenic Accounting Standards.

Click [here](#) for the course outline

Banking and Finance

The purpose of this course is to introduce students to key concepts in banking and finance, focusing on financial institutions and the assets investors use to achieve their financial goals.

The course covers:

- Financial assets such as bonds, stocks, and derivative financial instruments, with a strong emphasis on their valuation.
- The determination, behavior, and structure of interest rates and their impact on the value of financial assets.
- The use of financial assets as financing tools by various entities, including companies and organizations.
- The principles of portfolio theory and portfolio management, explaining how different assets can be effectively combined to optimize investment strategies.
- The structure and role of financial institutions and systems, with a focus on banks, money supply, and the financial sector's impact on the economy.

This course equips students with a comprehensive understanding of how financial markets operate and how financial institutions influence investment and economic activity.

Click [here](#) for the course outline

Business Administration I

This course introduces students to the science of management, focusing on the essential functions of business and organizational administration, such as:

- Planning
- Organizing
- Leading
- Controlling

Additionally, it explores the roles and competencies of managerial executives.

A detailed analysis is conducted on the core management functions, while emphasizing the internal business environment, where organizational activities take place. The course also focuses on understanding individual and group behavior within organizations and examines the design of organizational processes and practices from the perspective of effective leadership.

Learning Outcomes:

Upon successful completion of the course, students will be able to:

- Understand the fundamental and critical characteristics of businesses.
- Comprehend the basic theories and concepts of Business Administration.
- Recognize the nature and role of management and managers, as well as the necessary skills required for effective leadership.



- Describe the ways organizations are structured, how organizational roles and responsibilities are defined, and how organizational frameworks are developed.
- Critically analyze the key management functions essential for administering modern businesses and organizations, including planning, organizing, leading, and controlling.
- Identify and describe the sources of power of leaders and managers, and assess the suitability of traditional and modern leadership theories.
- Explain motivational factors in the workplace and understand how effective work teams are created.

This course provides a strong foundation in management principles, preparing students to analyze, develop, and implement organizational strategies in a dynamic business environment.

Click [here](#) for the course outline

Business Administration II

Organizations and businesses operate in an intensely competitive and globalized environment, characterized by significant social, economic, and technological changes. The adoption of management methods, competitive strategies, and action plans ensures the effective utilization of resources within a company or organization. The course aims to provide students with a Strategic Analysis of:

- The business environment
- Competition
- Organizational capabilities
- Stakeholders' interests

By offering theoretical knowledge and presenting administrative methods and techniques, students will gain a deeper understanding of the importance of management in today's highly competitive landscape.

Additionally, the course critically analyzes the core concepts and functions of Business Administration within the dynamic external business environment. Finally, it explores modern management trends and challenges, such as:

- Strategy in a competitive environment
- Organization and management of innovative processes

Learning Outcomes:

Upon successful completion of the course, students will be able to:

- Identify and distinguish the internal and external forces affecting business operations and organizational effectiveness.
- Develop and implement strategies for gaining competitive advantages in business.

- Understand the positive outcomes and impacts of business strategies on organizations, companies, and society, including ethical issues and corporate social responsibility.
- Formulate and execute strategic decisions.
- Develop a comprehensive understanding of organizational challenges, opportunities, and threats.

This course equips students with critical strategic thinking skills and management tools necessary to navigate the challenges of modern business environments.

Click [here](#) for the course outline

Business Strategy

The subject of this course is mainly how firms, as socio-economic organizations, articulate their strategy. One of the most critical missions in elaborating business strategy is constructing, implementing, and auditing an integrated business plan.

After introducing the concepts of internal and external environment analysis, the course aims to cultivate the ability of students to identify the comparatively strong and weak points of the business and the corresponding opportunities and threats (SWOT analysis), which is a prerequisite for the firm to carry out a comprehensive business plan. Specifically, the “Stra.Tech.Man approach” is examined and utilized, which concerns the study of the synthesis of the three dimensions of strategy, technology, and management of different firms (socio-economic organizations).

Learning outcomes

This course’s attendance will give students the necessary abilities to:

Understand the development of strategic thinking over time and study complementary and conflicting schools of thought in today’s strategic management. Understand the strengths and weaknesses of the different analytical tools used in articulating the business strategy.

To comprehensively examine the roles of creativity, imagination, and rationality in the development of strategic thinking.

To design, implement, and audit integrated strategies for each organization and effectively address evolving specific strategic issues related to diverse socio-economic environments.

Click [here](#) for the course outline

Commercial Law I

The course aims to introduce students to basic notions of law, mainly focusing to commercial law.

Ability to clarify main notions forming commercial / enterprise law. The students should be able at the end of the course to define precisely all common terms and to clarify basic notions and principles of law. Ability to have access on legislature materials and understanding of methods applied. Ability of composing and analysing.

Click [here](#) for the course outline

Commercial Law II

The course aims to introduce students to a specific part of commercial law, studying all types of trade companies. Ability to clarify main characteristics and differentiations regarding various types of trade companies. Ability to have access on legislature materials and understanding of methods applied. Ability of composing and analysing.

Click [here](#) for the course outline

Commercial Law III

The course aims to introduce students to a specific part of commercial law, studying bank law and security paper law. Ability to clarify main characteristics and differentiations regarding various types of securities. Ability to have access on legislature materials and understanding of methods applied. Ability of composing and analysing.

Click [here](#) for the course outline

Commercial Law IV

The course is designed to introduce students to specialized topics in commercial law, with a primary focus on credit security agreements and insolvency law. Specifically, it explores the legal framework of credit security, including its specific forms such as pledge and fiduciary transfer for the purpose of securing claims. The course also covers business restructuring law, with particular emphasis on bankruptcy procedures, including the conditions for declaring bankruptcy for both individuals and legal entities, the relevant institutions involved, the role



of the insolvency administrator, and the processes of asset inventory, liquidation, credit verification, and distribution. Topics also include debtor discharge and the prerequisites for a "second chance."

Students will develop the ability to:

- Locate and interpret relevant case law
- Understand legal methods and reasoning
- Apply analytical and synthetic thinking
- Work independently on legal assignments

As part of the course, the institution of credit security is examined, including its specific forms such as pledge and fiduciary transfer for the purpose of securing claims.

Click [here](#) for the course outline

Comparative Economic Systems

The comparative study of economic systems focuses on the comparative study of the formation and evolution of individual economies and the societies that surround them, creating the global system from antiquity to the present day. It points out that the social context, the cultural background, the technological dynamics and the policy of governments in all countries around the world, as well as individual economic events affect the effectiveness of any socio-economic system. The course aims to give students the opportunity to understand the performance of socio-economic systems around the globe, as well as the causes of individual local, national and even global crises.

Through the attendance and study of the course, students will be able to:

- Know the basic economic, political and social concepts required to understand the structure and dynamics of the modern global socio-economic system.
- Understand the functions and comparative efficiency of individual socio-economic systems.
- Understand how government policies can affect economic performance in different countries as well as how the most important economic events shape the historical development in the different economies of the world but also in the global system as a whole.
- Collect, analyze, compare and present data on the economic performance of the world's largest and smallest economies.
- Understand and interpret the causes of major events, including financial crises.
- Understand the basic economic concepts of perception of economic systems worldwide.
- Understand the events and policies that influence the economies and societies of individual countries.
- Draw conclusions about the performance of individual economies in the context of the modern international economy.



- Understand the reasons that lead to socio-economic crises.
- Have a global understanding of the socio-economic system.
- Develop critical thinking about financial issues.

Click [here](#) for the course outline

Consumer Behavior - Market Research

The course on Consumer Behavior and Market Research focuses on analyzing and documenting the reasons behind consumers' decisions to purchase or not purchase a product or service, whether individually or as part of a group.

In the Consumer Behavior lectures, students explore how consumers search for information, compare products, make choices, and complete purchases—both through traditional means and, more significantly, via digital platforms and social media. The course covers both classical and contemporary theoretical and empirical approaches, explaining the frameworks within which modern consumers interact, buy, own, and discard products and services.

The Market Research lectures introduce the essential tools required by today's business professionals to design, evaluate, and interpret market research. Through these lectures, students will gain an understanding of the logic behind market research, its various types, and their specific objectives. Additionally, the course will demonstrate how marketing decision-making is supported by market research findings, with a particular focus on research methodologies, including those that leverage digital applications and social media.

Finally, through a semester-long project, students will have the opportunity to identify a real-world Consumer Behavior issue, describe and define its scope, and design a Market Research study aimed at providing effective solutions.

Click [here](#) for the course outline

Corporate Social Responsibility and Sustainable Development

This course aims to highlight the critical role of corporate responsibility within an organization or business, as well as the factors that make the implementation of

Corporate Social Responsibility (CSR) essential in the modern Business Administration environment. The learning outcomes focus on understanding the latest developments in business management and CSR.

Students will acquire skills to design comprehensive plans related to environmental management, social responsibility, and economic efficiency through the adoption of CSR initiatives by businesses. The course content connects business operations with modern management trends in Corporate Social Responsibility and Sustainable Development.

Learning Outcomes:

Upon successful completion of the course, students will be able to:

- Understand the conceptual framework of Corporate Governance (CG) and Corporate Social Responsibility (CSR).
- Comprehend the complex operational environment of a business.
- Recognize the importance of CSR in the management of an organization or business.
- Understand the theoretical aspects of CSR.
- Gain an in-depth understanding of CSR as a tool for sustainable development, social responsibility, economic growth, and innovation in business administration.
- Identify ethical issues (business ethics) in corporate activities.
- Develop creative thinking and critical analysis skills in the field of CSR.
- Recognize the need for the establishment of international standards, codes, and CSR systems.
- Understand the tools used for quantifying qualitative information provided in corporate governance and CSR reports.
- Develop Corporate Responsibility Measurement Programs.
- This course equips students with both theoretical knowledge and practical skills to effectively integrate Corporate Social Responsibility into modern business strategies.

Click [here](#) for the course outline

Cost Accounting and Managerial Accounting

This course provides students with a theoretical framework in managerial accounting and cost accounting, equipping them with essential cost analysis and budgeting skills for business decision-making.

- Theoretical Framework of Managerial Accounting and Costing
- Cost Classifications and Distinctions
- Expense Allocation Sheet



- Factory Overhead Costs (FOH)
- Classification of FOH
- Allocation to main and auxiliary departments
- Inventory Valuation and Stock Assessment
- Calculation of Production Cost, Cost of Goods Sold (COGS), Gross and Net Profit
- Full Costing vs. Direct Costing
- Standard Costing and Variance Analysis
- Budgeting and Financial Planning
- Managerial Accounting Applications
- Job Order Costing (Customized Production Costing)
- Process Costing (Continuous Production Costing)

Click [here](#) for the course outline

Decision Support System

Models for the formulation and clarification of problems are presented, aiming to facilitate effective decision-making. The course studies the factors of risk and uncertainty, as well as the concepts of optimal and satisfactory solutions within the framework of probabilistic models. Special applications are also presented, focusing on planning and forecasting in uncertain and dynamic environments. The objective is for the student to be able to interpret, understand, develop, and support decision-making models within the context of companies and business activities.

Click [here](#) for the course outline

Decision Theory

This course provides an in-depth exploration of Decision Theory, focusing on the principles and frameworks that guide rational decision-making under certainty, risk, and uncertainty. Topics include utility theory, Bayesian decision-making, game theory, and behavioral decision-making models. Students will examine how individuals and organizations make optimal choices by evaluating probabilities, payoffs, and trade-offs. The course combines theoretical foundations with real-world applications in economics, business, and public policy, equipping students with analytical tools to enhance strategic and data-driven decision-making.

Click [here](#) for the course outline



Dynamical Systems

The goal of the course is to develop the quantitative and qualitative theory of differential and difference equations and to look at relevant examples which illustrate this theory.

Section 1: Ordinary Differential Equations

- a. First – order differential equations, Domar growth model, Dynamics of market prices
- b. Nonlinear differential equations: The qualitative approach. Solow growth model
- c. Second- order linear differential equations. A market model with price expectations. The interaction of inflation and unemployment

Section 2: Difference Equations

- a. First – order linear difference equations, the dynamic stability of equilibrium, the cobweb model, a market model with inventory
- b. Nonlinear difference equations- the qualitative approach.
- c. Second- order linear difference equations, Samuelson multiplier- acceleration interaction model, inflation and unemployment in discrete time

Click [here](#) for the course outline

e-Commerce

E-commerce has become an integral component of modern business practices. The buying and selling of products and services through digital technologies and the internet are increasingly surpassing traditional sales and distribution networks. The contemporary era, often referred to as the Fourth Industrial Revolution, is characterized by electronic communication, digital collaboration, large-scale data processing, social networking, e-governance, and the Internet of Things.

As a fundamental aspect of this technological era, e-commerce exerts a profound impact on the role of modern managers, transforming business operations, consumer behavior, and market dynamics. It reshapes not only how enterprises engage with customers but also how current and future consumers acquire information about products, services, and competitive market conditions, ultimately influencing their purchasing preferences and decision-making processes.

Click [here](#) for the course outline

Econometrics I

- Introduction to Econometrics
- Simple Regression model
- Multivariate Regression model
- Non-linear regression
- Multicollinearity, Autocorrelation and heteroskedasticity.

The structure of the teaching is as follows:

First week

Introduction to Econometrics, analysis of economic questions, causation, data sources and types (cross-sectional, time series, panel).

Second Week

Review of basic concepts of Descriptive Statistics and Probabilities (expected values, distributions, probabilistic calculus, sampling). Review of basic concepts of Inductive Statistics (hypothesis checks, confidence intervals, diagrams).

Third Week

Linear Regression with an independent variable (model, hypotheses, adjustment measures).

Fourth Week

Multiple regression (model, hypotheses, adaptation measures).

Fifth - Sixth Week

Nonlinear regression models (polynomials, logarithms, interactions).

Seventh Week

Evaluation of studies based on multivariate regressions.

Eighth Week

Multicollinearity. Description, consequences to estimators, identification, treatment.

Ninth Week

Heteroskedasticity. Description, consequences to estimators, identification, treatment.

Tenth - Eleventh Week

Autocorrelation. Description, consequences to estimators, identification, treatment.

Twelfth- Thirteenth Week

Summary –Exercises – Connection with economic theory with the analysis of econometric applications and the study of cases of use of the theory.

Click [here](#) for the course outline



Econometrics II

- Internal and External validation
- Probit-logit models
- Simultaneous Equations
- Panel regressions
- Instrumental variables and GMM regressions.

The structure of the teaching is as follows:

First week

Specification of models, internal and external validity

Second Week

Qualitative response models, Probit- Logit models.

Third- Fourth Week

Time series analysis.

Fifth Week

Simultaneous equations.

Sixth Week

Predictions in time series models.

Seventh Week

Endogeneity, instrumental variables and GMM estimation.

Eighth - Ninth Week

Multivariable regressions.

Tenth - Eleventh Week

Panel regressions.

Twelfth- Thirteenth Week

Summary –Exercises – Connection to economic theory with the analysis of econometric applications and the study of cases of use of the theory.

Click [here](#) for the course outline

Economic Policy

The course of “Economic Policy” examines the implementation of economic policy, and in particular, the methodological analysis of the targets, the instruments, and the models of economic policy. After the completion of the lectures, the students will have understood the necessity of economic policy as well as its goals and its various instruments. Moreover, they will have assimilated the models of both fixed and flexible targets, and they will be able to solve and interpret them. Finally, the students will develop critical and analytical thinking, and will have the ability to evaluate the different cases of economic policy.

Click [here](#) for the course outline



Economics and Management of Transport and Infrastructure

This course examines the economic principles and management strategies related to transport systems and infrastructure. It explores topics such as transport demand and supply, cost-benefit analysis, pricing strategies, investment decisions, and regulatory frameworks. Students will analyze the role of transportation in economic development, sustainability, and urban planning, while also assessing challenges such as congestion, environmental impact, and technological advancements. Through case studies and policy analysis, the course provides insights into the efficient management of transport networks and infrastructure projects in both public and private sectors.

Click [here](#) for the course outline

Economics of Northeastern Europe

The course aims to deepen and broaden knowledge at an economic level for the countries of Southeast Europe. In particular, the course aims to convey to students the importance of the Balkan region in the economic environment of Europe as well as the economic relations of Greece with these countries. In addition, it focuses on students acquiring in-depth knowledge of: - the economic forces that influence the process of European integration for the countries of Southeast Europe, and the development path in relation to the current situation amidst the economic crisis in the individual countries.

Click [here](#) for the course outline

Employment Relations

This course examines the role of the employee relations in modern organisations. Key functions such as collective bargaining, trade unionism, labour-management relations, state intervention in labour relations are considered.

Upon successful completion of this course, students will be able to:

- Demonstrate an understanding of basic theories of Industrial Relations

- Apply their understanding of theoretical models to analyze trends in data pertaining to topics in employee relations.
- Apply their understanding of theoretical models to case studies presented in the course.
- Construct, defend, and analyze important issues of employee relations

Click [here](#) for the course outline

Entrepreneurship I

Upon successful completion of the course, students will acquire the following knowledge, skills, and competencies:

- Acquisition of Knowledge
- Gain scientific knowledge in specialized thematic areas related to the course.
- Develop problem-solving skills for addressing challenges in the field, particularly through case studies.
- Skill Development

Upon completing the course, students will be able to:

- Apply theoretical and methodological tools to real-world case studies.
- Analyze contemporary issues related to the course topics.
- Make informed decisions on critical aspects of economic challenges.
- Develop critical thinking skills to evaluate modern economic problems.
- Collaborate effectively in team projects addressing fundamental economic issues.
- Understand decision-making processes of households, businesses, policymakers, and other economic actors.
- Collect, analyze, and synthesize statistical data and information relevant to specialized areas in the field.
- Competency Development

Upon completing the course, students will develop:

- Advanced critical thinking for solving problems within specialized economic areas.
- The ability to analyze economic issues effectively.
- The capacity to apply their skills toward a successful career in the private or public sector, financial institutions, and international organizations.
- Readiness for high-level postgraduate studies in economics and business administration.
- The ability to evaluate research ideas critically.
- The ability to work independently and contribute to team-based projects.

Click [here](#) for the course outline



Entrepreneurship II

Upon successful completion of the course, students will acquire the following knowledge, skills, and competencies:

- Acquisition of Knowledge
- Gain scientific knowledge in specialized thematic areas related to the course.
- Develop problem-solving skills for addressing challenges within the subject area, particularly through case studies.
- Skill Development

Upon completing the course, students will be able to:

- Apply theoretical and methodological tools to real-world case studies.
- Analyze contemporary issues relevant to the course topics.
- Make informed decisions on critical aspects of economic challenges.
- Develop critical thinking skills to assess modern economic issues.
- Collaborate effectively in team projects on key economic problems.
- Understand decision-making processes of households, businesses, policymakers, and other economic actors.
- Collect, analyze, and synthesize statistical data and information relevant to specialized areas of the subject.
- Competency Development

Upon completing the course, students will develop:

- Advanced critical thinking for solving specialized economic problems.
- The ability to analyze economic issues effectively.
- The capacity to apply their skills to a successful career in the private or public sector, financial institutions, and international organizations.
- Readiness for high-level postgraduate studies in economics and business administration.
- The ability to evaluate research ideas critically.
- The ability to work independently and contribute to team-based projects.

Click [here](#) for the course outline

Financial Analysis

Upon successful completion of the course, students will be able to:

- Understand and calculate the present and future value of cash flow series and perform investment evaluations.
- Gain familiarity with capitalization concepts (simple and compound interest) and use these principles to value bonds and stocks.

- Understand the types and properties of financial derivatives, including Forward Contracts, Futures, Swaps, and Options, and the different positions investors can take in these instruments.
- Analyze how derivatives are used for hedging, speculation, and arbitrage strategies.
- Interpret and apply financial ratios to assess a company's financial performance and overall valuation.

This course provides students with essential analytical skills in financial decision-making, investment evaluation, and risk management in financial markets.

Click [here](#) for the course outline

Financial Derivatives

This course focuses on the operational mechanisms of derivatives markets. Its aim is to present the use of key derivative financial instruments, such as Futures and Options, as well as the techniques used for their valuation. The course also covers speculative investment strategies and risk hedging strategies.

Upon successful completion of the course, students will be able to:

- Understand the mechanisms of derivative financial products
- Use derivative financial instruments for risk hedging within a portfolio
- Analyze and implement investment strategies using derivative products

Click [here](#) for the course outline

Foreign Direct Investment & Multinational Companies

After the completion of the lectures, the students will have understood and assimilated the notion, the motives, and the strategies of international business, and in particular of foreign direct investments (FDI). Moreover, they will obtain all the necessary knowledge on the characteristics and operations of multinational corporations, and they will be able to interpret their behavior. Finally, the students will develop analytical and critical thinking, and will have the ability to evaluate the different economic theories of FDI.

The course content is the following:



1. Introduction to Foreign Direct Investment (FDI)
 - 1.1. Globalization and International Business
 - 1.2. The notion of FDI
 - 1.3. Types of FDI
 - 1.4. Multinational Corporations
2. International Business
 - 2.1. Motives
 - 2.2. Strategies
3. Theories of FDI
 - 3.1. The Neoclassical Theory of FDI
 - 3.2. The Industrial Organization Approach
 - 3.3. The Product Life Cycle Hypothesis
 - 3.4. The Eclectic Theory
 - 3.5. The Internalization Hypothesis
 - 3.6. Other Theories of FDI
4. The Effects of FDI
 - 4.1. Cost – Benefit Analysis
 - 4.2. The Effect of FDI on Output and Growth
 - 4.3. The Effect of FDI on Employment
 - 4.4. The Effect of FDI on Productivity
 - 4.5. The Effect of FDI on Trade Flows
 - 4.6. Technological Effects of FDI
 - 4.7. The Effect of FDI on Market Structure
 - 4.8. Other Effects
5. Multinational Corporations (MNCs)
 - 5.1. The Nature of MNCs
 - 5.2. The Characteristics of MNCs
 - 5.3. The Behavior of MNCs

Click [here](#) for the course outline

History and Methodology of Economic Thought

This course aims to give the student of Economics a complete and diachronic depiction of economic theories. By presenting different perspectives and schools of thought, the acquaintance and enhancement of the young economist's critical thinking are sought.

Learning outcomes:

This course's attendance will give students the necessary abilities to:

- Understand the development of economic theory from a historical perspective.
- Understand the emergence of new “Paradigms” and heterodox currents in economics.
- Distinguish similarities and differences between schools of economic thought.



- To realize the co-evolution between economic reality and the ways it is conceived and implemented in socio-economic policy.
- To link the development of contemporary economic science with the evolving world economy and with today's phase of crisis and globalization's restructuring.

Click [here](#) for the course outline

Human Resource Management

This course examines the role of the human resource professional as a strategic partner in managing today's organizations. Key functions such as recruitment, selection, development, appraisal, retention, compensation, and labor relations are examined. Implications of legal and global environments are appraised, and current issues such as diversity training, sexual harassment policies, and rising benefit costs are analyzed. Best practices of employers of choice are considered.

- Introduction to Human Resources Management
- Managing Equal Opportunity and Diversity Personnel Planning, Recruiting, and Talent Management
- Testing and Selecting Employees Techniques
- Training and Developing Employees
- Appraising and Compensating Employees
- Performance Management, Appraisals, and Careers Techniques
- Compensating Employees
- Managing Employee Ethics, Engagement, Retention, and Fair Treatment
- Managing Labor Relations and Collective Bargaining Concepts
- Protecting Safety and Health
- Practical HR Tools, Guidelines, and Systems for Managers

Click [here](#) for the course outline

Industrial Economics

Industrial economics examines the market structure and the competition among firms. Specifically, the course analyzes the following topics: Game theory, oligopoly (Cournot, Bertrand, Stackelberg, Hotelling), cartels, price discrimination, double marginalization, vertical relations, industrial concentration and its measurement.

Click [here](#) for the course outline

Informatics I

Upon successful completion of the course, students will acquire the following knowledge, skills, and competencies:

- Acquisition of Knowledge
- Gain scientific knowledge in specialized thematic areas related to the course.
- Develop problem-solving skills to address challenges within the field, particularly through case study analysis.
- Skill Development

Upon completing the course, students will be able to:

- Apply theoretical and methodological tools from the course to real-world case studies.
- Analyze contemporary issues related to the course topics.
- Make informed decisions on critical aspects of economic challenges.
- Develop critical thinking to assess modern economic issues.
- Collaborate effectively in team projects addressing fundamental economic problems.
- Understand decision-making processes of households, businesses, policymakers, and other economic actors.
- Collect, analyze, and synthesize statistical data and information relevant to specialized topics in the field.
- Competency Development

Upon completing the course, students will develop:

- Advanced critical thinking for solving problems within specialized economic areas.
- The ability to analyze economic issues effectively.
- The capacity to connect their skills to a successful career in the private or public sector, financial institutions, and international organizations.
- Readiness for high-level postgraduate studies in economics and business administration.
- The ability to evaluate research ideas critically.
- The ability to work independently and contribute to team-based projects.

Click [here](#) for the course outline

Informatics II

Upon successful completion of the course, students will acquire the following knowledge, skills, and competencies:

- Acquisition of Knowledge
- Gain scientific knowledge in specialized thematic areas related to the course.



- Develop problem-solving skills to address challenges within the field, particularly through case study analysis.
- Skill Development

Upon completing the course, students will be able to:

- Apply theoretical and methodological tools from the course to real-world case studies.
- Analyze contemporary issues related to the course topics.
- Make informed decisions on critical aspects of economic challenges.
- Develop critical thinking to assess modern economic issues.
- Collaborate effectively in team projects addressing fundamental economic problems.
- Understand decision-making processes of households, businesses, policymakers, and other economic actors.
- Collect, analyze, and synthesize statistical data and information relevant to specialized topics in the field.
- Competency Development

Upon completing the course, students will develop:

- Advanced critical thinking for solving problems within specialized economic areas.
- The ability to analyze economic issues effectively.
- The capacity to connect their skills to a successful career in the private or public sector, financial institutions, and international organizations.
- Readiness for high-level postgraduate studies in economics and business administration.
- The ability to evaluate research ideas critically.
- The ability to work independently and contribute to team-based projects.

Click [here](#) for the course outline

Insurance

The course aims to introduce students both to the basic concepts of insurance, with an emphasis on life and health insurance, and to the operation of insurance companies. By the end of the lectures, students will have a full understanding of the fundamental principles governing the pricing of life and health insurance, as well as their role on an individual, social, and international level.

Additionally, they will acquire a comprehensive understanding of how an insurance company operates as a financial institution. Through the lens of the "Governance, Risk Management, Compliance" framework, they will have assimilated the Solvency II regulatory framework and will be able to analyze the risks faced by an insurance company.

Finally, students will develop critical thinking skills and be able to evaluate and compare the insurance sector with the banking sector.

Click [here](#) for the course outline

International Business Relations

The globalization of the world economy is radically changing the business landscape. Consequently, multinationals are becoming more ubiquitous as an instrument of economic and business activity. The business leaders of tomorrow need to be trained today in the unique requirements of multinational management. It is toward this objective that the proposed course in international business relations is being offered. Which factors propel firms to expand production abroad? How companies assess political risk to their international operations?

The overall course is divided into three modules, as follows:

Module I—International Business Context— provides an historical perspective on globalization and presents a viewpoint on its future direction. It also covers some of the globalization drivers including international trade and investment and how they spawn multinational activity. It also examines how states and companies can develop competitive advantage and defines the implications for multinationals as well as host countries.

Module II—International Business Strategies—begins with the theoretical framework of mode and extent of entering foreign markets. It also provides a conceptual framework for formulation of international business strategy.

Module III—Cross Border Alliances, Mergers and Acquisitions—discusses cross border mergers and the associated risks. It also highlights the precautions one needs to take and how to integrate the merged/acquired businesses successfully.

Throughout the course, relevant and real-world case studies as well as other examples would be used to elucidate the theoretical concepts and frameworks. The student grades and relative weightage would be based on: (1) class participation (2) sufficient evidence of understanding of the reading materials assigned (3) presentations of case analyses and other materials (4) completion of one paper and written exam.

Click [here](#) for the course outline

International Economic Development: institutions and policies

The aim of the course is to understand international development policies as a field within international economic relations between state and non-state actors, and the role of institutions. In today's global economic environment, conditions of unequal development between developed and developing countries are becoming increasingly apparent. The international community, through various initiatives, attempts to address the negative consequences of severe economic inequalities.

Within the scope of the course, the role of key institutions in the international economic environment and their development policies are examined, along with the framework of international development cooperation and foreign aid, and the policies adopted by developing countries to converge with the growth rates of developed nations. The course also analyzes the main determining factors of development, such as human resources, capital, technological progress, market size, and the international institutional framework within which these policies are implemented.

Click [here](#) for the course outline

International Economic Relations and Economic Diplomacy

Understanding the issues of International Economic Relations as one of the many fields that influence relations between states arises primarily through the study of Economic Diplomacy, which lays the foundation for economic interdependence. Economic interdependence between states, as defined by K. Waltz (1979), does not imply mutual dependence of one on the other, but rather that one state affects the other. Therefore, interdependence—particularly economic interdependence—is viewed more as a condition that shapes state policies at the level of Economic Diplomacy, rather than as a restrictive tool that results from dependence.

Thus, the international economic environment is characterized by the continuous practice of Economic Diplomacy, due to international trade, transnational production, international development cooperation, and the simultaneous existence of either weak or strong economic ties between countries in conflict. In order for each state to survive in an anarchic international system while promoting both its political and economic interests, Economic Diplomacy becomes a key instrument for advancing those interests. Depending on the circumstances, it takes various forms and is practiced not only by state actors but also by non-state actors.

The course framework focuses on the study of Economic Diplomacy as a determining factor of Foreign Policy, through an interdisciplinary approach and through comparative analysis of case studies.

Click [here](#) for the course outline

International Economics I

The core course in International Economics I aims to introduce students to the fundamental concepts of international trade. The course is structured to help students analyze and understand the impact of international trade on national welfare through the use of mathematical models and diagrams. Additionally, students will explore concepts related to the short-term and long-term equilibrium of exchange rates. This course helps students develop a comprehensive and critical understanding of economic policy issues in an international context. Upon successful completion of this course, students will be able to:

- Clearly define and analyze different economic theory models.
- Understand the application of economic policy in an international environment and develop the ability to use economic reasoning to formulate and evaluate economic recommendations.
- Grasp fundamental concepts of economic theory using mathematical methods and system modeling, fostering diverse problem-solving strategies and analytical skills.
- Effectively communicate and explain economic arguments in the context of international economic policy.

Click [here](#) for the course outline

International Economics II

Understanding Economic Decision-Making in the Foreign Exchange Market: Ability to explain how economic agents (individuals, households, businesses, governments, and central banks) make decisions and choices related to the foreign exchange market.

Functions of the Foreign Exchange Market: Ability to explain the fundamental functions of the foreign exchange market and the criteria investors use when deciding to allocate capital between domestic and foreign securities.

Application of Macroeconomic Theory: Ability to understand key concepts in macroeconomic theory using mathematical and quantitative methods, system modeling, and data analysis techniques. This includes developing various ways of thinking and strategic problem-solving approaches.

Economic Methods in Foreign Exchange and Macroeconomic Policy: Ability to effectively apply economic reasoning and methodologies to the study of the foreign exchange market and macroeconomic policies in open economies.

Strategic and Critical Thinking in International Macroeconomics and Finance: Ability to think strategically and critically about various topics related to international macroeconomics and finance. This can be demonstrated through an understanding of how the foreign exchange market operates, as well as the dynamics and limitations of alternative open-economy macroeconomic models.

Click [here](#) for the course outline

International Management

International management focuses on the opportunities and challenges created by the dynamics of globalization. It examines cross-cultural and organizational phenomena related to management within an international market and the broader global socioeconomic system. This course aims to offer the students the ability to analyze and comprehend the opportunities and threats faced by today's firms (socioeconomic organizations) during their international expansion and related to their evolving external environment (direct and indirect competitors).

This course's attendance will give students the ability to:

- Analyze the firms' organization in international terms.
- Understand the market and broader socioeconomic dimensions during organizational decision making.
- Perceive the strategic business decisions considering the political, legal, economic, social, cultural, and technological factors related to the various activities.
- Adapt, cooperate and lead in international, cross-cultural, interdisciplinary, competitive, transforming, and complex organizational spaces and groups.

Click [here](#) for the course outline

International Political Economy

This course deals with the interaction between international politics and the global economy that is the core concern of International Political Economy. It examines a variety of theoretical approaches to IPE. Students are given an opportunity to use them as conceptual tools with which to critically assess the content of the world economic order.

The following methods will be outlined and used in the course:

1. Lectures
2. Essay writing
- 3 Essay presentation

The objective is to become familiar with issues that arise from the interaction of international economic and political structures

2. To provide an introduction to several conceptual approaches to international political economy

LEARNING OUTCOMES

1. An ability to integrate empirical evidence into conceptually grounded arguments

TEACHING ARRANGEMENTS

The course will be taught in thirteen four-hour lectures in weeks 1-13.

Click [here](#) for the course outline

Labor Economics

Labour economics seeks to understand the complex relations and institutions of the labor market by studying the dynamics between employers, employees, and their wage-, price-, and profit-making incentives. In other words, modern labor economics explores the outcomes of the labor market under the assumption that workers strive to maximize their wellbeing and firms strive to maximize profits. It also analyzes the behavior of employers and employees and studies their responses to changes in government policies and/or in the demographic composition of the labor force.

Upon successful completion of this course, students will be able to:

1. Demonstrate an understanding of basic labor economics theory, including labor market structures and wage determination.
2. Apply their understanding of theoretical models to analyze trends in data pertaining to topics in labor economics.
3. Apply their understanding of theoretical models to case studies presented in the course.
4. Construct, defend, and analyze important labor policy issues.

Click [here](#) for the course outline



Macroeconomic Theory I

Upon successful completion of the course, students will acquire the following knowledge, skills, and competencies:

- Acquisition of Knowledge
- Gain scientific knowledge in specialized thematic areas related to the course subject.
- Develop an understanding of problem-solving approaches in the field, with a focus on case studies.
- Skill Development

Upon completing the course, students will be able to:

- Apply theoretical and methodological tools to real-world case studies.
- Analyze contemporary issues related to the course topics.
- Make informed decisions regarding critical aspects of economic challenges.
- Develop critical thinking to assess modern economic problems.
- Collaborate effectively in team projects addressing fundamental economic issues.
- Understand decision-making processes of households, businesses, policymakers, and other economic actors.
- Collect, analyze, and synthesize statistical data and information relevant to specialized topics in the field.
- Competency Development

Upon completing the course, students will develop:

- Advanced critical thinking for solving problems within specialized economic areas.
- The ability to analyze economic issues effectively.
- The capacity to apply their skills in careers in the private or public sector, financial institutions, and international organizations.
- Readiness for high-level postgraduate studies in economics and business administration.
- The ability to evaluate research ideas critically.
- The ability to work independently and contribute to team-based projects.

Click [here](#) for the course outline

Marketing

The complexity of marketing challenges faced by the modern manager has increased significantly in recent years, as has the demand for effective and measurable solutions. The advent of digital marketing and the creation of online content by consumers and users of products and services have rendered the strategic marketing decision-making

process more multifaceted and intricate. Over time, marketing has sought to both maximise customer satisfaction with the products or services offered and optimise the management of organisational resources to achieve profitability for the company and its shareholders.

While the modern digital era has made the consumer decision-making process more fragmented and complex than ever before, it has simultaneously facilitated the precise measurement of promotional effectiveness, simplified market research processes, and enhanced daily interactions with customers.

This marketing course will equip students with the knowledge and skills to examine the methods and tools utilised by contemporary managers to create value for their businesses by meeting customer needs and desires more effectively than the competition. Students will learn strategies to increase sales and expand their company's customer base. The role of marketing within the context of the modern business environment will be explored, with a focus on product policy, promotion, distribution, and competitive pricing. Through a combination of relevant literature, classroom discussions, exercises, and case studies, students will have the opportunity to critically assess business practices and develop marketing strategies that are capable of thriving in today's marketplace.

Click [here](#) for the course outline

Mathematics I

The first goal of the course is to teach the key mathematical tools that are useful for the study of economics. The second goal, is to show real (but relatively simple) mathematical proofs so that you can get familiar with mathematical reasoning. This should be helpful to understand proof arguments in micro- macro or econometric classes.

Section 1: Basic concepts

One-variable calculus:

- a. Introduction, sets, numbers, and proofs
- b. Sequences, limits, continuity, differentiability
- c. Applications, Taylor expansions
- d. Concavity, convexity
- e. Maxima and minima
- f. Integration

Section 2: Calculus of functions of two variables

- a. Basic topology: Limits and open sets, compact sets
- b. Functions of two variables: Geometric representation (graphs, level curves), partial derivatives, differentiability, chain rule
- c. Convex and concave functions of two variables
- d. Homogeneous functions, implicit functions and derivatives

Section 3: Optimization (functions of two variables)

- a. Unconstrained optimization

- b. Constrained optimization (first order conditions)
- c. Constrained optimization (second order conditions)
- d. Concave programming
- e. Economic applications

Click [here](#) for the course outline

Mathematics II

Contents: The first goal of the course is to teach the key mathematical tools that are useful for the study of economics. The second goal, is to show real (but relatively simple) mathematical proofs so that you can get familiar with mathematical reasoning. This should be helpful to understand proof arguments in micro- macro or econometric classes.

Section 1: Introduction to Linear Algebra

- a. Linear models, systems of linear equations
- b. Vector space and subspaces
- c. Matrices, rank, determinant
- d. Linear mappings
- e. Eigenvalues and eigenvectors
- f. Symmetric matrices, quadratic forms

Section 2: Calculus of Several Variables

- a. Basic topology: Limits and open sets, compact sets
- b. Calculus of several variables: partial derivatives, differentiability, chain rule, special determinants and matrices (Jacobian, Hessian)
- c. Convex and concave functions of several variables
- d. Homogeneous functions, implicit functions and derivatives

Section 3: Optimization – Comparative Static Analysis

- a. Unconstrained optimization
- b. Constrained optimization: Equality constraints- the Lagrange problem,
- c. Constrained optimization: Inequality constraints- the Kuhn – Tucker problem
- d. Concave programming
- e. Comparative statics, envelope theorems
- f. Economic applications

Click [here](#) for the course outline

Microeconomic Theory I

This course analyzes the concepts of demand and supply as well as the main market structures such as perfect competition, monopoly, oligopoly and monopolistic competition. Emphasis is given in basic concepts such as Pareto efficiency, consumer and producer surplus and the comparison of surpluses among different market structures. Graphical representation is extensively used.

Click [here](#) for the course outline

Microeconomic Theory II

This course presents the theory of consumption and production. Specifically, the consumer's utility maximization problem and the derivation of the demand curve, the income and substitution effects and the Slutsky equation are analyzed. Moreover, detailed analysis of the various production functions, of the firm's cost minimization problem and of the cost theory are presented. Finally, the course deals with issues such as consumer's attitude towards risk. All topics are analyzed both graphically and mathematically using proper mathematical techniques.

Click [here](#) for the course outline

Monetary Policy

Understanding Economic Decision-Making: Ability to explain how economic agents (individuals, households, businesses, governments, and central banks) make decisions and choices within the framework of the financial system.

Functions of Money: Ability to explain the fundamental roles and functions of money in an economy.

Data Analysis and Presentation: Ability to effectively organize, present, and analyze data related to monetary variables.

Application of Monetary Theory: Ability to understand key concepts in monetary theory using mathematical methods, system modeling, and data analysis techniques. This includes developing different ways of thinking and strategic problem-solving approaches.

Application of Economic Methods in Monetary Policy: Ability to effectively apply economic reasoning and methodologies to the study of monetary policy issues.

Strategic and Critical Thinking in Monetary Policy: Ability to think critically and strategically about various aspects of monetary policy. This includes understanding the history of money, evaluating different macroeconomic models, and analyzing the transmission mechanisms of monetary policy.

Click [here](#) for the course outline

Operations Research

Upon successful completion of the course, students will acquire the following knowledge, skills, and competencies:

- Acquisition of Knowledge
- Gain scientific knowledge in specialized thematic areas related to the course subject.
- Acquire problem-solving skills for addressing challenges within the field, particularly through case studies.
- Skill Development

Upon completing the course, students will be able to:

- Apply theoretical and methodological tools from the course to real-world case studies.
- Analyze contemporary issues related to the course topics.
- Make informed decisions on critical aspects of economic challenges.
- Develop critical thinking skills to assess modern economic issues.
- Collaborate in team projects on fundamental economic problems.
- Understand decision-making processes of households, businesses, policymakers, and other economic actors.
- Collect, analyze, and synthesize statistical data and information related to specialized areas of the field.
- Competency Development

Upon completing the course, students will develop:

- Advanced critical thinking for problem-solving in specialized economic areas.
- The ability to analyze economic issues effectively.
- The capacity to connect their skills to a successful career in the private or public sector, financial institutions, and international organizations.
- Readiness for high-level postgraduate studies in economics and business administration.
- The ability to evaluate research ideas critically.
- The ability to work independently and contribute to team-based projects.

Click [here](#) for the course outline

Public Finance

Upon completion of the lectures, the students will fully understand the market failures, with emphasis on externalities and public goods, as well as the necessity of public intervention for the achievement of economic efficiency. Moreover, they will assimilate the principles, the mechanisms, and the fundamental theorems of Welfare Economics, and they will be able to solve relative problems. Furthermore, the students will obtain elementary knowledge on the instruments of fiscal policy (government spending and taxes), and their implications. Finally, they will have the ability to use the principles of economic theory in order to solve specialized problems of public finance and policy, and they will develop analytical and critical thinking.

Click [here](#) for the course outline

Regional Economic Development

The objective of the course *Regional Economic Development* is to examine the factors that influence economic growth and disparities between regions, both at the national and international levels. Special emphasis is placed on the role of supranational organizations, such as the European Union, and on the strategies implemented to reduce regional inequalities. The course combines theoretical approaches with the analysis of specific case studies, enabling students to understand how development policies impact different regions and what the main challenges of regional integration are. Through discussions, examples, and interactive activities, students will acquire the tools to analyze and evaluate the economic and social prospects of regions, as well as to formulate policy proposals related to sustainable development.

Click [here](#) for the course outline

Risk Management

This course provides a comprehensive introduction to Risk Management, focusing on identifying, assessing, and mitigating risks in various business and financial environments. Key topics include risk assessment methodologies, decision-making under uncertainty, financial and operational risk management, and the role of insurance and hedging strategies. Students will explore quantitative and qualitative approaches to risk evaluation, as well as tools like Value at Risk (VaR), Monte Carlo simulations, and scenario analysis. The course equips students with the knowledge to



develop effective risk management strategies to enhance organizational resilience and decision-making.

Click [here](#) for the course outline

Special Change Management and Innovation Issues

In this course, phenomena related to innovation and change management are examined; on macro, meso, and micro levels. The perspective brought forth by this examination aims to offer the student the ability to understand that innovation is the outcome of the unified space in any socioeconomic organization. These innovation processes require effective change management to be created, diffused, and lead to a sustainable development path for the involved stakeholders. This course gives the students the tools to perceive how the various innovation phenomena are co-formulated and constantly transformed within today's dynamics of globalization.

This course's attendance will give students the necessary knowledge and skills related to:

- The broader theoretical framework of change management and innovation in the different socioeconomic environments and all the unified levels of space.
- The contemporary models for implementing and designing change management interventions in macro, meso, and micro levels.
- The innovation and the corresponding change management mechanisms to deal with any socioeconomic crisis and reinforce the various actors' competitiveness by focusing on today's restructuring dynamics of globalization.
- The perception of innovation processes from a synthesizing perspective, based on the coevolution between strategy, technology, and management of the different socioeconomic organizations (the Stra.Tech.Man approach).

Click [here](#) for the course outline

Statistics I

Descriptive Statistics

- Basic concepts of Probabilities
- Probability distributions of random variables – Random variable distribution parameters
- Discrete Probability distributions
- Continuous Probability distributions



- Probability distributions of multidimensional random variables
- Convergence of sequences of random variables

The structure of the teaching is as follows:

First week

General Description of Statistics and necessary introductory knowledge

Second Week

Data Definition and Collection, Definition of Variables, Data Collection, Sampling Methods, Survey Errors

Third Week

Organization of Categorical – Numerical Variables, Graphical Representation of Categorical – Numerical Variables, Graphical Representation of Two Variables, Challenges in Organization and Graphical Representation of Variables.

Fourth Week

Descriptive Statistics (Central trend, variability, etc.), descriptive population measures, Combination and other issues of descriptive statistics, Traps of descriptive statistics.

Fifth – Sixth Week

Basic Concepts of probability, bound probabilities, Bayes theorem, rules of enumeration.

Seventh – Eighth Week

Discrete probability distributions (Poisson, Binomial).

Ninth – Tenth Week

Continuous Probability Distributions (Normal, F, Student t, chi square, exponential). Properties-application – connection with economic theory and economic models

Eleventh Week

Empirical sampling distributions, Connection and examples in economics.

Twelfth – Thirteenth Week

Recapitulation –Exercises – Connection of Statistics with economic theory with the analysis of economic applications and the study of cases of use of the theory.

Click [here](#) for the course outline

Statistics II

Parameter Estimation

- Confidence Intervals
- Hypothesis Testing in one Population
- Hypothesis Testing in two Population
- ANOVA Analysis
- Regression
- Non-parametric Statistics

The structure of the teaching is as follows:



First week

Introduction to parameter estimation, the concept of estimation, estimation of the average by the standard deviation of population, selection of sample size.

Second Week

Control of hypotheses of a single population with a known standard deviation, Errors of type I and II, calculation of probability of type II error.

Third Week

Estimation of population parameters with unknown standard deviation, estimation of dispersion, checks of dispersion hypotheses, population proportions and hypothesis tests.

Fourth Week

Comparison of two populations, means, variability parameters

Fifth – Sixth Week

Analysis of Variance

Seventh – Eighth Week

Good fit control, chi square test, nominal data.

Ninth – Tenth Week

Simple linear regression, coefficient estimation, error variable, model evaluation.

Eleventh Week

Multiple regression, coefficient estimation, conditionality control,

Twelfth Week

Non-parametric controls (Wilcoxon, Kruskal-Wallis, Friedman)

Thirteenth Week

Recapitulation –Exercises – Connection of Statistics with economic theory with the analysis of economic applications and the study of cases of use of the theory.

Click [here](#) for the course outline

Supply Chain Management (Logistics)

This course provides an in-depth understanding of supply chain management (SCM) and logistics, focusing on the efficient coordination of resources, processes, and stakeholders involved in the production and distribution of goods and services. Key topics include supply chain design, inventory management, transportation, procurement, and the role of technology in logistics. Students will explore strategies for optimizing supply chain performance, reducing costs, and enhancing sustainability in a globalized market. Through case studies and practical applications, the course equips students with the skills necessary to analyze and improve supply chain operations in various industries.

Click [here](#) for the course outline



Theories of Economic Growth

The course Theories of Economic Growth introduces students to the concepts of economic growth. It analyzes factors determining the economic growth of countries and explores dominant theories explaining the transformation of economic mechanisms.

Students engage with key concepts such as exogenous and endogenous growth, β - and σ -convergence, and the role of technology in economic growth. The course emphasizes the mathematical foundation of leading theories, helping students develop critical thinking and analytical skills in economic policy analysis.

Notable models examined in the course include:

- Solow Growth Model
- Ramsey Model
- Lucas Model

Upon successful completion of this course, students will be able to:

- Clearly define analytical models related to different theories of economic growth.
- Understand economic theory concepts using mathematical methods and system modeling to develop various ways of thinking and problem-solving strategies in economic theory.
- Effectively communicate and explain economic arguments within the framework of economic policy analysis.

Click [here](#) for the course outline

Total Quality Management

This course explores the principles and practices of Total Quality Management (TQM) as a strategic approach to improving organizational performance. It covers key concepts such as quality planning, continuous improvement, customer focus, process optimization, and the role of leadership in fostering a quality-driven culture. Students will examine quality management frameworks, including ISO standards, Six Sigma, and Lean methodologies, and apply them to real-world business scenarios. The course emphasizes problem-solving techniques, performance measurement, and the impact of quality management on competitiveness and customer satisfaction.

Click [here](#) for the course outline



Welcome!

We're excited to have you with us!

