



FACULTY OF ENGINEERING ECONOMICS AND MANAGEMENT

Please note! This is a preliminary list of courses. Changes may occur!

AUTUMN SEMESTER BACHELOR COURSES

***(Available only for students whose major/speciality is
Economics/Management)***

IUE133 Introduction to the Study Field

1 CP (1.5 ECTS)

Organization of the study process. Methods of studies: reading, listening, writing, exposition of the material, preparation for examination. Use of literature and other sources of information. Problems of national and regional economic development. Entrepreneurship and its role in the development of Latvian national economy. Organization of international relations and fundamentals of customs.

IVZ758 Business communication

4 CP (6 ECTS)

Study course is designed to give theoretical and practical knowledge of effective information exchange. Students will understand the basic principles of effective information exchange and practically implement them in communication with stakeholders.

IVZ765 Patents and Intellectual Property

2 CP (3 ECTS)

Together with the rapid development of innovation and technology transfer in the European and global market, issues on protection of intellectual property have become particularly important. Often the result of creative work is copied or used without compensation to its authors and/or real right holders. Every entrepreneur must know how to protect his company's intellectual property and how to turn it into a company's capital. The course is devoted to the topical issues of intellectual property protection and patenting.

IVZ760 Enterprise management

4 CP (6 ECTS)

The course includes the following topics: the business environment; models of management; planning; organization; human resources management, control and monitoring, enterprise management effectiveness evaluation.

IUE328 Project Management

4 CP (6 ECTS)

Contents and classification of projects in the market conditions. Project management elements. Project life cycle. Technology and planning of projects implementation, provision of know-how - technical and economic information. Project analysis, its essence: economic, social, ecological and budgetary efficiency of projects.

IUE332 Cost Analysis

3 CP (4.5 ECTS)

Establishment of factors affecting costs and evaluation of each prime cost determinant. Classification of costs. Specifics of separate cost items accounting. Methods of calculating prime cost. Information for management decision making. Analysis of production costs. Break-even point

analysis. ABC analysis. Method of standard costs analysis. Analysis of product prime cost. Method of direct costs analysis.

IĀS205 Statistics

3 CP (4.5 ECTS)

Course obtains tasks and organization of statistics. Course covers tasks which includes statistical observation, grouping, tabulation, data plotting, absolute, relative, average, variation parameters and dynamic time series and implementation of the theory in practice.

IUE333 Budgeting and Control

2 CP (3 ECTS)

Budget, its role in business. Types of budgets. Procedure of planning a budget. Methods used in planning budgets. Application of established standards in the process of planning. Planning process: data collection and analysis, identification of goals and objectives, establishment of restrictive factors, elaboration and evaluation of functional, financial and consolidated budgets. Control and analysis of the budget execution.

IVZ762 Corporate Social Responsibility

3 CP (4.5 ECTS)

The study subject demonstrates the development and role of Corporate social responsibility (CSR) in Latvia and worldwide. Study subject explores public opinions on social responsibility in business environment through analysis of situations of moral dilemmas. Introduce business ethics and introduce a modern approach to solving typical business issues.

IVZ748 Business and Social Dialogue

4 CP (6 ECTS)

The aim of the course is to promote new business understanding about the cooperation among social partners and to reach an agreement in order to ensure social stability and economic development in the country. Quality of social dialogue depends on cultural traditions, historical, economic and political processes in the country. Social dialogue is a complicated process. On the one hand it is driven by competition and confrontation, but on the other hand - tolerance and compromise. These questions will be covered within the study course.

IVZ754 Scientific Research in Entrepreneurship

2 CP (3 ECTS)

The course includes the issues related to business information. Students will learn how to find information sources, fix and analyse information, creatively use it in research work, find out the ethic principles of research, characterize the types of research. Students will get acquainted with different ways of collecting different empirical data (information) and statistic methods, get impression about the application of entrepreneurial actions in the process of processing and publications of theoretical or practical research works.

IMP203 International Economic Relations

3 CP (4.5 ECTS)

Basic course on international movement of goods, services, labour and capital, regional economic integration and international economic organizations. The course is based on knowledge in theory of market economy and develops skills for its application.

IUV519 Strategic Management

3 CP (4.5 ECTS)

Importance of strategic management for the needs of economic selection of development modelling factors. Goals selection in strategic management. Establishing the strategic management informative basis, administration and protection. Work results productivity evaluation taking into account the historical experience. Decision making in strategic concept selection. Business strategy.

MASTER COURSES

(Available only for students whose major/speciality is Economics/Management)

IET503 Microeconomic Analysis

4.0 CP / 6.0 ECTS

Human model in different schools of economics. Theory of demand and supply. Theory of consumer choice. Theory of production and costs. Market structure: perfect competition, monopoly competition, oligopoly, perfect (pure) monopoly. Market of production factors. Public choice and welfare theory.

IBO574 Philosophy of Politic and Property

2.0 CP (3.0 ECTS)

The aim of the course is to discuss with the students the main philosophical problems of political theory, main questions of political philosophy and its importance for understanding of contemporary society to acquaint students with the main theoretical and ideological approaches within contemporary political philosophy; to acquaint students with the main philosophical problems of contemporary political theory and political philosophy (power, authority, legitimacy and obligation, the state, law and punishment, democracy, rights and duties, freedom, justice etc.). In the second part of the course special attention is paid to philosophical definitions of property, main theories of property in classical (Aristotle, Locke, Rousseau, Hegel, Marks) and contemporary political thought, philosophical justification of property rights as well as discussion of property issues in context of justice, equality and exploitation.

IBO731 Planning of Visual Environment in Real

Estate 2.0 CP (3.0 ECTS)

The program provides an opportunity to gain the knowledge about the visual environment planning theory and evaluation methods.

During the study process the questions related to life quality standards for real estate are discovered on the basis of Scandinavian developed and applied standards of real estate development market. The program includes visual environment planning principles to solve the cases related to practical techniques for designing real estate interior and exterior elements and components.

Visual environment planning aspects of developing projects in a multicultural international environment are reviewed.

The program includes review of communication and strategy methods, related to cooperation with architects, designers, customers, builders, etc., managing real estate visual environment planning projects.

Practical part of the program is the simulation of visual environment planning project; Skills related to teamwork, development of visual environment planning concept are acquired. Application of gained knowledge in practice and presentation of the result.

The program has a social and economic basis for successful real estate project development on Latvian and international markets.

IBO524 Management of Building Construction

Projects 3.0 CP (4.5 ECTS)

Essence and relevance of management of building construction projects. Elaboration of a building construction project, Drawing up of a work schedule. Supervision of execution of a construction project. Possibilities of calculating effectiveness of a building construction project.

IBO510 Management of Ecological Systems**3.0 CP (4.5 ECTS)**

Ecology, management, internal and external environment of ecology management systems, their interaction. Market systems and methods of an estimation of ecological effects (results) at investment projects.

IBO727 Land Use Management**2.0 CP (3.0 ECTS)**

The course takes an integrated approach on land use management activities and related processes, its problem issues, challenges and possible solutions, covering land information systems, property rights, transactions, planning, implementation, public participation, decision-making, land use assessment techniques, efficiency measures, as well as GIS applications and modelling solutions.

IBO479 Civil Construction Management**2.0 CP (3.0 ECTS)**

The theory of management in building and construction. Planning, problem solving, preparation for decision making. Strategic planning and management. Organisational structure. Quality control management in building and construction.

IBO511 Strategic Marketing Management in Civil Construction**3.0 CP (4.5 ECTS)**

Peculiarities of strategic marketing management in construction business. Strategic planning. Selection of marketing strategy. The role of controlling in ensuring the execution of the strategic plan.

IUV523 Commercial Law**3.0 CP (4.5 ECTS)**

The entrepreneur concept and types of entrepreneurship. Business forms. The formation, restructuring and liquidation of partnership. Franchising and representation of entrepreneur. The functioning of corporations.