



## **FACULTY OF ENGINEERING ECONOMICS AND MANAGEMENT**

**Please note! This is a preliminary list of courses for the study year 2017/2018.  
Changes may occur!**

### **SPRING 2018 BACHELOR COURSES**

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

#### **IVZ755 Innovation Management**

3.00 CP (4.5 ECTS)

Innovation management supplements earlier students acquired knowledge in the field of a business management and also provides new information in the field of fundamentals of innovations management, economic substantiation of innovations, provision of integrated innovations in an enterprise, innovation process management, scholarly substantiation of innovations etc. Special focus on the issues related to planning the budget of innovations, innovation management and mechanism of control. Most popular management, planning, analytical methods and models are considered as well.

#### **IVZ763 Work Environment and Ergonomics**

3.00 CP (4.5 ECTS)

Study subject covers topics about working environment, labor protection and ergonomics issues. Subject is dedicated to legislation on labor protection at Republic of Latvia important for different levels of management at working environment, topics on equipment and technologies for the organization and for ensuring ergonomic issues are included in the study course. Within the study subject main characteristics of ergonomics, its tasks and main activities are covered. A system "man - machine - environment" and its optimization opportunities are analyzed within the study subject. Rational human organization in the system "man - machine - environment" is analyzed in the course.

#### **IVZ764 Coaching and Team Management**

3.00 CP (4.5 ECTS)

The purpose of the course is to give the advanced information about application of psychological knowledge for effective work and management of social groups, and to help students to acquire knowledge and skills that are necessary for effective interaction in work groups, as well as for employee work management.

#### **IVZ765 Patents and Intellectual Property**

2.00 CP (3.0 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.

**IAS215 Quantitative Methods for Economics**

3.00 CP (4.5 ECTS)

The course includes characterization of economic and mathematical methods and models and decision making process. Within the course, students learn forecasting methods by using time series, models for examining economic relationships, models of linear programming, simulation and elements of the queuing theory.

**IVZ760 Enterprise management**

4.00 CP (6.0 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.

**ITE319 Fundamentals of Business Logistics**

3.00 CP (4.5 ECTS)

The main components of the study course "Fundamentals of Business Logistics" are supply, production and distribution, i.e. how to ensure the flow of materials, semi-finished or finished products from the supplier to the end user that involves a physical flow of orders, information and goods.

**IMP201 Taxes and Duties**

3.00 CP (4.5 ECTS)

Structure and elements of the taxation system: state taxes and duties, state dues, duties imposed by local governments. State taxes and duties forming the taxation system. Tax and duty payers, entities subject to taxation, tax and duty rates, payment procedure. Tax payers' rights, responsibilities and liability.

**IVZ756 Startup entrepreneurship**

2.00 CP (3.0 ECTS)

This course is designed to give background for entrepreneurship startup. Students will learn how to develop new ideas, test them, create strategy and acquire funds. At the end of the course students will develop their entrepreneurial mindset and functional skill sets to see and act entrepreneurially.

**IVZ768 Business Planning**

4.00 CP (6.0 ECTS)

The course faces issues of planning and forecasting role in business as well as key aspects of planning methodology: principles, methods, types, sequence. Some of project implementation methods (linear, network graphs, the target program method) are considered next to such key points as business plan characteristics, functions, content and development means. Special attention is paid to key issues of production planning: sales and production volume, necessary resources and their sources, costs and performance results.

**IUE219 Marketing**

4.00 CP (6.0 ECTS)

Definitions and essence of marketing. Detailed focus on marketing environment. Marketing mix elements and their interrelationship. Consumer behavior in the consumer and business market, the place of consumers within the marketing system. Segmentation, product and pricing policy, organization of marketing and control, development of a marketing information system, competition, product life cycle, distribution, promotion in the market etc.

**IMP521 Business and Labour Law**

4.00 CP (6.0 ECTS)

Concepts of the theory of Law, concepts of civil contractual relations, Family, Inheritance and Employment Law. Legal deal conception and its participants. Legal deal structure and forms. Main regulations of contract conclusion. Obligations and claims from illegal activity. Guilt as the base of civil judicial responsibility. The degrees of guilt.

**IÄS205 Statistics**

3.00 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.

**IUE327 Enterprise Economics**

4.00 CP (6.0 ECTS)

Evaluation of production and financial resources of an enterprise, incl. intangible assets; accounting of fixed assets, specifics of evaluation, revaluation, depreciation, exclusion, long-term assets, methods of current assets evaluation; production accounting, incl. calculation of total production prime cost, variable costs, production process prime cost; models of profit and loss account; annual report.

**IUE327 Enterprise Economics**

4.00 CP (6.0 ECTS)

Evaluation of production and financial resources of an enterprise, incl. intangible assets; accounting of fixed assets, specifics of evaluation, revaluation, depreciation, exclusion, long-term assets, methods of current assets evaluation; production accounting, incl. calculation of total production prime cost, variable costs, production process prime cost; models of profit and loss account; annual report.

**IMP203 International Economic Relations**

3.00 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.

## MASTER COURSES

**! List will be updated !**

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

### **IUE585 Economics and Management of Innovations**

4.0 CP (6.0 ECTS)

Classification of innovations. The role of innovations in the development of entrepreneurship. Planning, management, financing and forecasting of innovations in the market conditions. Economic evaluation of investment projects. Innovations and economic strategy in an enterprise. Management of innovations in the process of creating, making and implementation. Model for selecting the options of innovations. Quality innovations and their competitiveness. Pricing in the sphere of innovations.

### **IEU540 Electronic Commerce and E-business**

4.0 CP (6.0 ECTS)

E-commerce within the context of the information society. The role of technology and telecommunications in the e-commerce. Focus on the issues related to enhancement of economic performance efficiency and safety of information in open networks. Legislation and established standards governing e-commerce. Issues of internet marketing.

### **IVZ789 Contemporary Issues of Strategic Management and Marketing**

4.0 CP (6.0 ECTS)

The module covers marketing and strategic management in the context of the modern dynamic and globalized market. The topics covered include strategic management, improvement of the competitiveness of an enterprise, methods of strategic analysis, and others. A lot of attention is dedicated to the problems of strategic marketing and to the possible solutions using various marketing instruments. After studying the module the students will be able to identify and analyze problem situations in the market as well as offer appropriate strategic solutions.

### **IET505 Macroeconomic Analysis**

4.0 CP (6.0 ECTS)

Economic equilibrium and contemporary conceptions: theory of rational and adaptive forecasts, monetarism, neo-Keynesian school. Theory of the supply economy. Economic growth and development. Role of the state in ensuring economic development. Regional aspects of economic development.

### **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.

### **IET218 International Competition**

2.0 CP (3.0 ECTS)

Preconditions for competitiveness of a nation. Stages of development of competitiveness. Basic development factors. Role of the state in formation and retention of national competitive advantages. Role of the geographical factor in enhancing competitiveness. Clusters and their formation. Impact of globalization on competitiveness on a global scale.

### **IEU510 Managerial Accounting**

4.0 CP (6.0 ECTS)

The course provides conceptual and technical skills needed to manage special economic problems faced by managers. Topics include cost measurement, accumulation methods, or analysis techniques (job, process, just-in-time, standart, activity based costing, cost behaviour, cost-volume-profit analysis, contribution approach) that are relevant to various managerial decisions (productions, pricing,ect.)

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