

# Study plan

## Name of study plan: B-EK-prez.forma od 14/15

Faculty/Institute/Others:

Department:

Branch of study guaranteed by the department: Welcome page

Garantor of the study branch:

Program of study: Welcome page

Type of study: unknown full-time

Required credits: 180

Elective courses credits: 0

Sum of credits in the plan: 180

Note on the plan:

Name of the block: Compulsory courses

Minimal number of credits of the block: 142

The role of the block: Z

Code of the group: 1.S.BEK-P OD 10/11

Name of the group: 1.s.BEK-od 10/11 prezen ní forma

Requirement credits in the group: In this group you have to gain 30 credits

Requirement courses in the group: In this group you have to complete at least 7 courses

Credits in the group: 30

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
04BJA1	English Language 1	Z	4	0P+4C		z
51ITP	Information Technology and Computer Literacy	Z,ZK	4	0P+3C	Z	z
51M	Mathematics	Z,ZK	6	2P+2C	Z	z
51OP	General Psychology and Psychology of Personality	Z,ZK	6	3P+1C	Z	z
TV1	Physical Education	Z	0	0+2	Z	z
51TV1	Physical Education 1	Z	0	0P+2C		z
51UE	Introduction to Economics	Z,ZK	6	2P+2C	Z	z
51UV	Introduction to University Studies	Z	4	2P+1C	Z	z

### Characteristics of the courses of this group of Study Plan: Code=1.S.BEK-P OD 10/11 Name=1.s.BEK-od 10/11 prezen ní forma

04BJA1	English Language 1	Z	4
The course is suitable for students of bachelor managerial studies. Seminars cover Business Terminology and Communication Skills as well as grammar. The course focuses on developing language skills - reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics, on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students'professional life.			
51ITP	Information Technology and Computer Literacy	Z,ZK	4
Students will learn how to adjust MS Excel user interface, to create, edit and format tables, enter basic as well as advanced formulas and functions (with economic and managerial applications); to understand and apply absolute / relative cell references, create and format charts. They will learn to work with databases in Excel and learn how to use the functions for searching, sorting data, using conditional formatting. Students will become familiar with multiple consolidation ranges, analyze external data source, as well as large spreadsheets or databases to create more complex types of graphs, create a PivotTable and graphs.			
51M	Mathematics	Z,ZK	6
Basics of linear algebra - vectors, matrices, linear equations. Basics of differential calculation - limits, continuity of functions, derivation, monotony, local and absolut extremes,convexity, graphs. Basics of integral calculus - indefinite integral, methods of integration, definit integral and applications. Numerical calculation of integrals.			
51OP	General Psychology and Psychology of Personality	Z,ZK	6
TV1	Physical Education	Z	0
51TV1	Physical Education 1	Z	0
51UE	Introduction to Economics	Z,ZK	6
The course is focused on the following subjects: basic economic relations and consequences. Economic aggregates and their consequences. Operating of the economics according to so called macroeconomic circle, various economic theories. Consumption behaviour in microeconomics. Theory of production. Different markets and competitions.			
51UV	Introduction to University Studies	Z	4
Content of the subject includes knowledge assisting students in quick and effective adaptation to conditions of university studies. Content of the subject:Part 1 - adaptation, Part 2. - ways of studying at universities, Part 3 - education and self-education.			

Code of the group: 2.S.BEK-P OD 13/14

Name of the group: 2.s.BEK-od 13/14 prezen ní forma

Requirement credits in the group: In this group you have to gain 30 credits

Requirement courses in the group: In this group you have to complete 7 courses

Credits in the group: 30

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
04BJA2	English Language 2	Z	4	0P+4C		z
51ES	Economic Statistics	Z,ZK	4	2P+1C		z
51PE	Business Economics	Z,ZK	6	2P+2C	L	z
51PP1	Law and Business 1	Z,ZK	4	2P+1C	L	z
51S	Sociology	Z,ZK	6	2P+2C	L	z
TV2	Physical Education	Z	0	0+2	L	z
51TV2	Physical Education 2	Z	0	0P+2C		z
51ZPM	Basics of Business Management	Z,ZK	6	2P+2C	Z,L	z

Characteristics of the courses of this group of Study Plan: Code=2.S.BEK-P OD 13/14 Name=2.s.BEK-od 13/14 prezen ní forma

04BJA2	English Language 2	Z	4
The course is suitable for students of bachelor managerial studies. The course focuses on developing all four language skills at the given level, i.e. reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics in the students' respective professional and academic context, as well as on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students' academic and professional life.			
51ES	Economic Statistics	Z,ZK	4
The subject of Economic Statistics is oriented on measurement of economic events at microeconomic and macroeconomic level. This course will provide students with a solid foundation of descriptive statistics, regression and correlation analysis, indexes analysis, time series analysis and measurement of the seasonality.			
51PE	Business Economics	Z,ZK	6
51PP1	Law and Business 1	Z,ZK	4
Subject of course Law and business includes the following: -labour law, its basis and role within the legal system -labour relations, international consequences -employment and its regulation -termination of employment -working hours, vacancy -wage, salary, -discretion and duties of the employer and employees -health and safety			
51S	Sociology	Z,ZK	6
Content of the course is focused especially on the following topics: Sociology as a science, sociologic way of thinking including historic aspects, terminology. Sociology and management. Social roles management. The Czech society in 21st century. Sociologic research.			
TV2	Physical Education	Z	0
51TV2	Physical Education 2	Z	0
51ZPM	Basics of Business Management	Z,ZK	6

Code of the group: 3.S.BEK-P OD 14/15

Name of the group: 3.s.BEK-od 14/15 prezen ní forma

Requirement credits in the group: In this group you have to gain 26 credits

Requirement courses in the group: In this group you have to complete 6 courses

Credits in the group: 26

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
51FG	Financial Literacy	KZ	4	2P+1C	Z	z
51PUC	Business Accounting	Z,ZK	6	2P+2C		z
51PP2	Law and Business 2	Z,ZK	4	2P+1C	Z	z
51LZ	Human Resources Management	Z,ZK	6	2P+2C	Z	z
51EDTB	Online information retrieval and the work with electronic information resources	KZ	2	1P+1C	Z	z
51ZSV	Basics of Engineering Production	Z,ZK	4	2P+1C	Z	z

Characteristics of the courses of this group of Study Plan: Code=3.S.BEK-P OD 14/15 Name=3.s.BEK-od 14/15 prezen ní forma

51FG	Financial Literacy	KZ	4
Banking Financial agency Investment and financial markets Leasing Old-age pension insurance Insurance companies Management of personal and family budget			
51PUC	Business Accounting	Z,ZK	6
Content of the course is introduction to accounting. Double-entry bookkeeping and its principles, balance sheet account, profit and loss account, cash-flow. Sections in bookkeeping: long term investment, stock, costs, revenues, International accounting standards, accounting principles. Accounting system.			

51PP2	Law and Business 2	Z,ZK	4
Course content: -development of the commercial law, its relation to the civil law -system of the commercial law -business (not based on the Trade law), entrepreneur -business relations and legal requirements -ensurance of business commitment -different contracts in accordance with the Commercial Code -business companies: -partnerships -companies with limited liability -joint stock companies -other companies -international and multinational companies			
51LZ	Human Resources Management	Z,ZK	6
Students will develop basic knowledge on personal planning, personal marketing (searching and evaluating new personnel, including methodology and forms of recruitment), assesment of work performance and remuneration, outplacementu and forming labour force.			
51EDTB	Online information retrieval and the work with electronic information resources	KZ	2
This course is focused on knowledge and skills required for the work with course and scientific literature, for information searching in relevant and valuable scientific information resources, for acquiring desired information and literature, for applying newly acquired knowledge in practice during the work on bachelor thesis, and for acquiring the principles of citation ethics and citation practice incl. citing and creating reference lists.			
51ZSV	Basics of Engineering Production	Z,ZK	4
Basic technologies of semfinished products production, special technologies of alloying, forming work, welding and thermal parting. Basic information on production, finishing and unconventional methods of machining work. Programming, CAD/CAM systems.			

Code of the group: 4.S.BEK-P OD 14/15

Name of the group: 4.s.BEK-od 14/15 prezen ní forma

Requirement credits in the group: In this group you have to gain 20 credits

Requirement courses in the group: In this group you have to complete 4 courses

Credits in the group: 20

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
51PRR	Project Management	Z,ZK	6	2P+2C		z
51PML	Operational management and logistics	KZ	4	2P+1C		z
51PPO	Work and Organizational Psychology	Z,ZK	6	2P+2C	L	z
51VIS	Enterprise Information Systems	Z,ZK	4	2P+1C	L,Z	z

Characteristics of the courses of this group of Study Plan: Code=4.S.BEK-P OD 14/15 Name=4.s.BEK-od 14/15 prezen ní forma

51PRR	Project Management	Z,ZK	6
Modern Project Management. The Evolution Toward Integrated Projects. Alignment of Projects with Organization Strategy. A Project Portfolio Management System. Assessing the Effectiveness of the Priority. Choosing the Appropriate Project Management Structure. Implications of Organizational Culture for Organizing Projects. Establishing Project Priorities. Responsibility Matrices. Estimating Project Times and Costs. Types of Project Constraints. Rationale for Reducing Project Duration. Managing Project Teams. Managing International Projects. Emphasis will be placed on the functional areas of initiating the project and project planning methodology. Each student is required to complete the project assignment. In addition, the process of project management will be outlined and evolving changes in management practices discussed. The course is designed to provide engineers with the basic information and skills necessary to manage projects of the enterprise. Tuition suitably links sequence of managerial and technical subject categories and simultaneously reacts to topical business and graduation theses requirements. Teaching methods will include lectures, group presentations and discussions of cases as well as other exercises.			
51PML	Operational management and logistics	KZ	4
This programme covers many facets of logistics and supply chain management to create significant competitive advantages. The graduates can find their career in the field of controlling the production planning and scheduling process; making effective use of the enterprise resources planning (ERP) system, while anticipating its impact on the manufacturing process and on inventories; planning and forecasting while translating internal and external customer demands; and managing the supply chain while evaluating it and making effective use of relevant tools, principles and concepts. In this specialization students will learn to meet these challenges by getting to grips with key issues in supply chain design. This involves pinpointing the best location for production facilities and distribution centres, and identifying the resources they need. They will learn how to structure operations management in production, warehousing, transport and distribution, and purchasing. The key is to give customers the standard of service they want and to ensure process reliability. Production and logistic management is about understanding the impact of customized logistical designs on overall performance. Students will apply advanced software tools for enterprise resource planning and integer linear programming problems, capacity analysis of production systems, distribution planning and vehicle routing.			
51PPO	Work and Organizational Psychology	Z,ZK	6
Course Psychology of work and organization contains the following: theory, research and practices in psychology of work, individual differences among people and their relationship to work behaviour, work analysis, monitoring of the effectiveness. Psychological basis for staff selection, employees evaluation, analysis and modification of work behaviour, work motivationí, psychological aspects of personnel training, work under pressure. Basic terminology.			
51VIS	Enterprise Information Systems	Z,ZK	4
The aim of the course is to teach students how to analyze the value processes within the company in its various departments and between departments. Aspect bodies represent departmental budgets and internal accounting, performance aspect preliminary and final costing. Organization's internal accounting, internal accounting continuity to financial accounting. The issue of internal performance and valuation of stocks. Aspects of classification costs. Used costing methods and techniques. The concept of full and variable costing. Integrating enterprise information systems in terms of cost - budgeting, preliminary costing, accounting, resulting calculation. Conversion relationships between a generic costing breakdown of costs, organizational and product control aspect. The set of indicators of production in the company and internal sphere.			

Code of the group: 5.S.BEK-P OD 16/17

Name of the group: 5.s.BEK od 16/17 prezen ní forma

Requirement credits in the group: In this group you have to gain 30 credits

Requirement courses in the group: In this group you have to complete 7 courses

Credits in the group: 30

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
U16C9904	Globalization	Z,ZK	4	2P+1C	Z,L	z
U16C9905	Quality Management	Z,ZK	4	2P+1C		z
U16C2401	Marketing <i>Petra Jílková Petra Jílková</i>	Z,ZK	6	2P+2C	Z,L	z
U77C9904	Advanced Technologies	KZ	4	2P+1C		z
U63C4302	Corporate Financial Management	Z,ZK	6	2P+2C		z
U00C9901	Project of Bachelor Thesis	Z	2	1P+0C		z
U77C9903	Production Systems Design	KZ	4	2P+1C		z

**Characteristics of the courses of this group of Study Plan: Code=5.S.BEK-P OD 16/17 Name=5.s.BEK od 16/17 prezen ní forma**

U16C9904	Globalization	Z,ZK	4
The overall aim is to explain globalization as an economic phenomenon and to bring the environment in which the world economy develops. Demonstrate the effects of globalization on integration processes, economic environment and personal liberty.			
U16C9905	Quality Management	Z,ZK	4
U16C2401	Marketing	Z,ZK	6
The Marketing course makes the students familiar with some basic concepts, such as marketing and business strategies, market segmentation, marketing research, marketing mix and the application thereof, product policy, new product, product life cycle, pricing policy, pricing strategy, pricing methods and factors, distribution policy, types of intermediate distribution links, marketing distribution systems, marketing communications and new trends in marketing.			
U77C9904	Advanced Technologies	KZ	4
U63C4302	Corporate Financial Management	Z,ZK	6
The aim is to widen and deepen knowledge and skills in the field of financial engineering instruments, the financing needs of the company, as well as performance analysis. The main emphasis will be placed on understanding the company in its entirety and complexity, particularly with regard to the basic function of the target enterprise, increase market value and maximize wealth for shareholders.			
U00C9901	Project of Bachelor Thesis	Z	2
The Project of the thesis addresses preparing students for writing large text so that it meets all the requirements of the graduate thesis.			
U77C9903	Production Systems Design	KZ	4
In this course the student is familiar with the goals of the course, which focuses on the systematic increasing of enterprise productivity, achieved through rational organizational structure. The course focuses on the elimination of all kinds of wastes from especially the stages of development and defining processes. Is looking for a screening of different options to achieve customer needs with less time consumption, lower material requirements and overall capital cost saving. Subject uses modelling to the implementation of the principles of lean thinking into product realization processes, thereby achieving a competitive advantage.			

Code of the group: 6.S.BEK-P OD 16/17

Name of the group: 6.s.BEK od 16/17 prezen ní forma

Requirement credits in the group: In this group you have to gain 6 credits

Requirement courses in the group: In this group you have to complete 1 course

Credits in the group: 6

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
U00C6101	Bachelor Thesis	Z	6	0P+0C	L	z

**Characteristics of the courses of this group of Study Plan: Code=6.S.BEK-P OD 16/17 Name=6.s.BEK od 16/17 prezen ní forma**

U00C6101	Bachelor Thesis	Z	6
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Name of the block: Compulsory elective courses

Minimal number of credits of the block: 28

The role of the block: PV

Code of the group: PVP-B-EK OD 15/16

Name of the group: PVP-B-EK od 15/16 prezen ní forma

Requirement credits in the group: In this group you have to gain 4 credits

Requirement courses in the group: In this group you have to complete 1 course

Credits in the group: 4

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
51XDM	Grant Management	KZ	4	2P+0C		PV
51XE2ES	Economic Statistics	KZ	4	2P+1C	4	PV
51XE1ES	Economic Statistics	KZ	4	2P+1C	2	PV
51XEM	Etiquette for Managers	KZ	4	2P+0C		PV
51XHT	Technology Assessment	KZ	4	2P+1C	L	PV
51XEIP	Intercultural Psychology	KZ	4	2P+1C		PV
51XKD	Communication Skills	KZ	4	1P+2C	L	PV
51XNM	Material Science	KZ	4	2P+1C	L	PV
51XEJN	German Language	KZ	4	0P+3C	L	PV
51XEPP	Computer Presentations	KZ	4	0P+3C	L	PV
51XPK	Corporatae Crisis	KZ	4	2P+0C		PV
51XPD	Presentation Skills	KZ	4	0P+3C	L	PV
51XPIS	Project of Information System	KZ	4	1P+2C	L	PV
51XEPT	Industrial Technologies	KZ	4	2P+1C		PV
51XSE	Social Aspects of Energetics	KZ	4	2P+1C	L	PV
51XESRA	Statistical Analysis and Decision-making	KZ	4	2P+1C		PV
51XSMR	Statistical Methods for Decision Making	KZ	4	2P+1C		PV
51XSI	Systems Engineering and Information Systems	KZ	4	1P+2C		PV
51XEJS	Spanish Language	KZ	4	0P+3C		PV
51XTS	Rhetoric	KZ	4	1P+2C	L	PV
51XED	Introduction to Tax System for Economists	KZ	4	2P+1C	L	PV
51XEBOZP	Health, Safety and Fire Prevention Principles	KZ	4	2P+1C		PV
51XEZS	Healthy Life Style	KZ	4	2P+1C		PV
51XZS	Healthy Lifestyle	KZ	4	2P+1C	L	PV

**Characteristics of the courses of this group of Study Plan: Code=PVP-B-EK OD 15/16 Name=PVP-B-EK od 15/16 prezen ní forma**

51XDM	Grant Management	KZ	4
51XE2ES	Economic Statistics	KZ	4
The subject of ?Economic Statistics? is oriented on measurement of economic events at microeconomic and macroeconomic level. This course will provide students with a solid foundation of descriptive statistics, regression and correlation analysis, indexes analysis, time series analysis and measurement of the seasonality.			
51XE1ES	Economic Statistics	KZ	4
The subject of Economic Statistics is oriented on measurement of economic events at microeconomic and macroeconomic level. This course will provide students with a solid foundation of descriptive statistics, regression and correlation analysis, indexes analysis, time series analysis and measurement of the seasonality.			
51XEM	Etiquette for Managers	KZ	4
Introduction to all forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager face during business meetings, presentations or events.			
51XHT	Technology Assessment	KZ	4
Technology Assessment is a complex, multidisciplinary, transdisciplinary and interdisciplinary field on the frontier of philosophy and sociology of technology and has close relation to economics and prognostication. TA is a scientific, interactive and communicative process which aims to contribute to forming public and political opinion on social aspects of technology and science development.			
51XEIP	Intercultural Psychology	KZ	4
51XKD	Communication Skills	KZ	4
Students get acquainted with the principles of communicative and presentation skills, analyse the obtained skills and competencies, receive and provide feedback using self-evaluation so that they improve their abilities to communicate and perform high quality presentations.			
51XNM	Material Science	KZ	4
History and present state of materials engineering, overview of technical materials, internal structure of metals, crystal lattices and their defects, deformation, recrystallization and fracture of materials, structure and properties of materials and their testing, iron-carbon phase diagram, overview of steels, cast irons and nonferrous metals.			
51XEJN	German Language	KZ	4
51XEPP	Computer Presentations	KZ	4
Students will learn basics of presentation structuring, basic aspects influencing successful presentation. Students should learn how to present information and results of their work, which form to use taking into account the audience. Students should adapt the form of their presentation to expectations, level of understanding and experience of the audience. Students will learn to apply modern didactic techniques in their presentations.			
51XPK	Corporatae Crisis	KZ	4
The aim of the course is an introduction of negative impacts of internal and external factors on the corporate life cycle. Crisis and corporate default are a natural phenomenon in the economy. It is important for students to be prepared on such a possible development and to have the knowledge to eventually reverse the unfavourable corporate development Knowledge should be in economic as well as in legislative perspective. The course will be especially based on case studies and practical applications respecting current economic reality and legal regulation.			

51XPD	Presentation Skills	KZ	4
Students will learn how people act and interact, develop rules of verbal and nonverbal communication, including most common mistakes. In addition, students will develop their own presentation skills. Students will present their skills using videot techniques and get feedback, "peer-review".			
51XPIS	Project of Information System	KZ	4
Fundamental terms, information systems architecture, basic types of software applications for information system of enterprise, information system lifecycle, approaches to information system development, management information systems, web audit, business process modeling using BPMN, UML and others, information system modeling - UML and data modeling using ER diagrams			
51XEPT	Industrial Technologies	KZ	4
51XSE	Social Aspects of Energetics	KZ	4
The main topic of the course is the presentation of information from a variety of ideological streams in the context of global energy problems of mankind. The aim is to show the complex nature of the problems and to facilitate orientation of students in them. Students will learn about the engineering and economic approaches to the assessment of stocks of primary energy sources, the issue of energy security, for example in connection with the oil crises, with views of socially relevant groups of opinion on the direction of energy policy, the current policy implemented in the EU and the Czech Republic. The course also includes definitions and aspects of sustainable development, the importance of energy to the national economy and the debate on global climate change.			
51XESRA	Statistical Analysis and Decision-making	KZ	4
Student will be introduced into using of statistical methods by describing onedimensional and twodimensional populations (with regression and correlation analysis). Student will be introduced into the probability theory, including basic distributions and statistical estimate and tests. The subject can be applied in the following fields: models of linear programming, inventory, queueing, network, simulation.			
51XSMR	Statistical Methods for Decision Making	KZ	4
51XSI	Systems Engineering and Information Systems	KZ	4
Design of primary system database, database implementation using SQL, data retrieval from transaction systems and data processing, OLAP measures and dimensions design and implementation for decision making purposes and results reporting using pivot charts and tables.			
51XEJS	Spanish Language	KZ	4
51XTS	Rhetoric	KZ	4
Rhetoric provides an insight into rhetorical skills, voice & breath management, understandable articulation/pronunciation, speech speed and phrasing. The curriculum includes verbal communication practise based on pre-prepared and impromptu presentations, methods of developing rhetorical skills, target audience identification, preparation and types of speeches and language creativity. The course lays the foundations for effective communication training that is then followed up in Social Psychology-related courses.			
51XED	Introduction to Tax System for Economists	KZ	4
51XEBOZP	Health, Safety and Fire Prevention Principles	KZ	4
Basic legislation on OSH. EU, Czech Labour Code. Implementing regulations of the Labour Code. Duties of the employer. The rights and obligations of the employee. Risk prevention. Training of staff. Occupational accidents. Report of the accident. Documentation to ensure the health and safety. Labour Inspection, KHS, Environmental Engineering. Fire protection. The law on the protection of public health. Occupational Hygiene. Personal protective equipment. Safety signs and signals. Technical equipment.			
51XEZS	Healthy Life Style	KZ	4
51XZS	Healthy Lifestyle	KZ	4
Health, legislation, factors influencing health, way of living, civilization illnesses, healthy nutrition, work and relaxation, physical and mental activities.			

Code of the group: PVP-B-EK 6.S.OD16/17

Name of the group: PVP-B-EK 6. semestr od 16/17 prezen ní forma

Requirement credits in the group: In this group you have to gain 24 credits

Requirement courses in the group: In this group you have to complete at least 4 courses ( at most 8)

Credits in the group: 24

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
U16C5302	Workplace Health, Safety and Fire Prevention	ZK	3	2P+0C		PV
U04E0202	Business Correspondence	ZK	3	0P+2C	Z,L	PV
U04E0204	Critical Thinking	ZK	3	0P+2C	Z,L	PV
U16C5402	Design and Brand Management <i>Petra Jílková</i>	ZK	3	2P+0C		PV
U65C6101	Grant Management	ZK	3	2P+0C	L	PV
U16C6101	Etiquette for Managers	ZK	3	2P+0C	L	PV
U51C5401	Leadership and Employee Education	Z,ZK	6	2P+2C		PV
U63C5302	Managerial Tools and Calculations	Z,ZK	6	2P+2C		PV
U16C5401	Marketing Research	Z,ZK	6	2P+2C	*	PV
U04E0201	Networking in English	ZK	3	0P+2C	Z,L	PV
U65C5301	Labor Law	ZK	3	2P+0C		PV
U65C6301	Legal Aspects of Consumer Protection	ZK	3	2P+0C		PV
U04E0203	Presentation Skills	ZK	3	0P+2C	Z,L	PV
U16C6102	Presentation Skills	Z	3	0P+2C		PV
U88E0201	Selected Business Management Issues A-1	ZK	6	2P+2C	Z,L	PV
U88E0202	Selected Business Management Issues A-2	ZK	6	2P+2C	Z,L	PV

U88E0203	<b>Selected Business Management Issues B-1</b>	ZK	3	0P+2C	Z,L	PV
U88E0204	<b>Selected Business Management Issues B-2</b>	ZK	3	0P+2C	Z,L	PV
U77C0005	<b>Selected Industrial Technologies</b>	ZK	3	2P+0C	*	PV
U66C0103	<b>Genesis of International Trade as a Part of Modern Europe</b>	ZK	3	2P+0C	L	PV
U88E0205	<b>Foreign Experience</b>	Z	6	0P+4C		PV
U63C5401	<b>Data Processing and Information Security</b>	Z,ZK	6	2P+2C	L	PV

**Characteristics of the courses of this group of Study Plan: Code=PVP-B-EK 6.S.OD16/17 Name=PVP-B-EK 6. semestr od 16/17 prezen ní forma**

U16C5302	Workplace Health, Safety and Fire Prevention Basic legislation on OSH. EU, Czech Labour Code. Implementing regulations of the Labour Code. Duties of the employer. The rights and obligations of the employee. Risk prevention. Training of staff. Occupational accidents. Report of the accident. Documentation to ensure the health and safety. Labour Inspection, KHS, Environmental Engineering. Fire protection. The law on the protection of public health. Occupational Hygiene. Personal protective equipment. Safety signs and signals. Technical equipment.	ZK	3
U04E0202	Business Correspondence The aim of the course to help students write better emails in English as emails are the most common form of written communication. It is aimed at intermediate or upper-intermediate level, and consists of sessions of language practice covering a wide range of business topics. It includes exercises on email style, but also practices more conventional language areas, such as fixed expressions, sentence structures, linking words, prepositions, verb tenses, and punctuation etc. It will help students to write effective emails, express themselves clearly, and their writing will be easier to understand. The course also uncovers cultural differences in Czech and English business communication	ZK	3
U04E0204	Critical Thinking The primary objective of the course is to become familiar with the essentials of correct argumentation and to improve students' analytical and problem-solving skills. Through the discussion and practical use of advanced methods of argumentation, the course develops students' understanding of the essential principles involved in the practice of reasoned decision-making with the emphasis on their practical application in case studies discussing recent socioeconomic and political issues. The writing and language skills developed in this course might be used across the curriculum.	ZK	3
U16C5402	Design and Brand Management	ZK	3
U65C6101	Grant Management	ZK	3
U16C6101	Etiquette for Managers Introduction to all forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager face during business meetings, presentations or events.	ZK	3
U51C5401	Leadership and Employee Education The course deals with approaches to leadership and training of employees in the context of the theory and practice of contemporary industrial enterprises.	Z,ZK	6
U63C5302	Managerial Tools and Calculations	Z,ZK	6
U16C5401	Marketing Research At the end of the course student should be able to define a problem for a research project, to specify the goals and target group, to determine the method and technique of solving problems from the used procedures and applications in the field of marketing practice. As a marketing manager, he / she should be able to assign and solve research problems both independently and in cooperation with a professional research agency.	Z,ZK	6
U04E0201	Networking in English Focusing on the practical communicative needs of the students, the aim of the course is to acquire and systematically develop language skills and strategies of effective and appropriate business communication, interaction and behaviour in typical networking situations (personal branding, creation and management of a network of business contacts with people who might help with extension and development of business opportunities) through language analysis, role-plays and practice situations, vocabulary and grammar development, teamwork, and individual feedback. Practical language skills will be systematically developed in contexts and situations relevant to professional work.	ZK	3
U65C5301	Labor Law Labor relations - the creation, modification and termination, safety, collective bargaining.	ZK	3
U65C6301	Legal Aspects of Consumer Protection Basic information on consumer protection in general, interpretation of legislation from general to special, incl. consumer protection in financial markets. Emphasizing the importance of codes of ethics as one of the preventive tools for consumer protection and the cultivation of the consumer market.	ZK	3
U04E0203	Presentation Skills Students will adopt main rules of verbal, nonverbal a para verbal (voice) communication and principles of presentation and communication strategies in English. Students will develop their own presentation skills in practical exercises. They will get feedback in a form of self-evaluation, "peer-review" and lecturer comments. The course is aimed at intermediate and upper-intermediate level.	ZK	3
U16C6102	Presentation Skills Students will adopt main rules of verbal, non verbal a para verbal (voice) communication and principles of presentation skills. Students will develop their own presentation skills in practical exercises. They will get feed back in a form of self evaluation, "peer-review" and lecturer comments.	Z	3
U88E0201	Selected Business Management Issues A-1	ZK	6
U88E0202	Selected Business Management Issues A-2	ZK	6
U88E0203	Selected Business Management Issues B-1	ZK	3
U88E0204	Selected Business Management Issues B-2	ZK	3
U77C0005	Selected Industrial Technologies	ZK	3
U66C0103	Genesis of International Trade as a Part of Modern Europe	ZK	3
U88E0205	Foreign Experience	Z	6
U63C5401	Data Processing and Information Security	Z,ZK	6

Name of the block: Jazyky

Minimal number of credits of the block: 10

The role of the block: J

Code of the group: 3.S.BEK-JAZ.OD 15/16

Name of the group: 3.s.BEK-cizí jazyk od 15/16

Requirement credits in the group: In this group you have to gain 4 credits

Requirement courses in the group: In this group you have to complete at least 1 course ( at most 2)

Credits in the group: 4

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
04BJA3	English Language 3	Z	4	0P+4C		J
04BJA3-1	English Language 3-1	Z	2	0P+2C		J
04BJF3-1	French Language	Z	2	0P+2C	Z	J
04BJN3-1	German Language 3-1	Z	2	0P+2C		J
04BJR3-1	Russian Language	Z	2	0P+2C	Z	J
04BJS3-1	Spanish Language 3-1	Z	2	0P+2C		J

**Characteristics of the courses of this group of Study Plan: Code=3.S.BEK-JAZ.OD 15/16 Name=3.s.BEK-cizí jazyk od 15/16**

04BJA3	English Language 3	Z	4
The course is suitable for students of bachelor managerial studies. Seminars cover Business Terminology and Communication Skills as well as grammar. The course focuses on developing language skills - reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics, on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students' professional life.			
04BJA3-1	English Language 3-1	Z	2
The course is suitable for students of bachelor managerial studies. Seminars cover Business Terminology and Communication Skills as well as grammar. The course focuses on developing language skills - reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics, on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students' professional life.			
04BJF3-1	French Language	Z	2
The course is suitable for bachelor students. The course develops all language competencies in the French language at level A2-B1 according to the CEFR: speaking, reading, listening and writing. In the course, students foster their knowledge of grammar and vocabulary for everyday situations. The course focuses on communicative skills. It is suitable for beginners.			
04BJN3-1	German Language 3-1	Z	2
The course is suitable for bachelor students. The course develops all language competencies in the German language at level A2-B1 according to the CEFR: speaking, reading, listening and writing. In the course, students foster their knowledge of grammar and vocabulary for everyday situations. The course focuses on communicative skills. It is suitable for pre-intermediate students.			
04BJR3-1	Russian Language	Z	2
The course is suitable for bachelor students. The course develops all language skills in the Russian language at level A1 according to the CEFR: speaking, reading, listening and writing. Students will familiarise themselves with the basics of Russian grammar and lexis for everyday situations. The course focuses on communicative skills. It is suitable for beginners/false beginners..			
04BJS3-1	Spanish Language 3-1	Z	2
The course is suitable for bachelor students. The course develops all language skills in the Spanish language on the level A1 according to the CEFR: speaking, reading, listening and writing. Students will familiarise themselves with the basics of Spanish grammar and lexis for everyday situations. The course focuses on communicative skills. The course is designed EXCLUSIVELY for beginners/ false beginners.			

Code of the group: 4.S.BEK-JAZ OD 15/16

Name of the group: 4.s.BEK-cizí jazyk od 15/16

Requirement credits in the group: In this group you have to gain 6 credits

Requirement courses in the group: In this group you have to complete at least 1 course ( at most 2)

Credits in the group: 6

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
04BJA4	English Language 4	Z,ZK	6	0P+4C		J
04BJA4-1	English Language 4-1	Z,ZK	4	0P+2C		J
04BJF4-1	French Language	Z	2	0P+2C	L	J
04BJN4-1	German Language 4-1	Z	2	0P+2C		J
04BJR4-1	Russian Language	Z	2	0P+2C	L	J
04BJS4-1	Spanish Language 4-1	Z	2	0P+2C		J

**Characteristics of the courses of this group of Study Plan: Code=4.S.BEK-JAZ OD 15/16 Name=4.s.BEK-cizí jazyk od 15/16**

04BJA4	English Language 4	Z,ZK	6
The course is suitable for students of bachelor managerial studies. The course focuses on developing all four language skills at the given level, i.e. reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics in the students' respective professional and academic context, as well as on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students' academic and professional life.			



04BJA4-1	English Language 4-1	Z,ZK	4
The course is suitable for students of bachelor managerial studies. The course focuses on developing all four language skills at the given level, i.e. reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics in the students' respective professional and academic context, as well as on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students' academic and professional life.			
04BJF4-1	French Language	Z	2
The course develops communicative skills of the students in the French language on the level A1 according to the CEFR: speaking, reading, listening and writing. It provides an introduction to sociocultural aspects of present-day France and French-speaking world.			
04BJN4-1	German Language 4-1	Z	2
04BJR4-1	Russian Language	Z	2
04BJS4-1	Spanish Language 4-1	Z	2
The course is suitable for bachelor students. The course develops all language skills in the Spanish language on the level A1 according to the CEFR: speaking, reading, listening and writing. Students will familiarise themselves with the basics of Spanish grammar and lexis for everyday situations. The course focuses on communicative skills. The course is designed EXCLUSIVELY for beginners/ false beginners.			

## List of courses of this pass:

Code	Name of the course	Completion	Credits
04BJA1	English Language 1	Z	4
The course is suitable for students of bachelor managerial studies. Seminars cover Business Terminology and Communication Skills as well as grammar. The course focuses on developing language skills - reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics, on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students' professional life.			
04BJA2	English Language 2	Z	4
The course is suitable for students of bachelor managerial studies. The course focuses on developing all four language skills at the given level, i.e. reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics in the students' respective professional and academic context, as well as on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students' academic and professional life.			
04BJA3	English Language 3	Z	4
The course is suitable for students of bachelor managerial studies. Seminars cover Business Terminology and Communication Skills as well as grammar. The course focuses on developing language skills - reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics, on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students' professional life.			
04BJA3-1	English Language 3-1	Z	2
The course is suitable for students of bachelor managerial studies. Seminars cover Business Terminology and Communication Skills as well as grammar. The course focuses on developing language skills - reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics, on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students' professional life.			
04BJA4	English Language 4	Z,ZK	6
The course is suitable for students of bachelor managerial studies. The course focuses on developing all four language skills at the given level, i.e. reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics in the students' respective professional and academic context, as well as on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students' academic and professional life.			
04BJA4-1	English Language 4-1	Z,ZK	4
The course is suitable for students of bachelor managerial studies. The course focuses on developing all four language skills at the given level, i.e. reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics in the students' respective professional and academic context, as well as on strengthening and improving grammar. All interconnected language skills are submitted to the goal of developing the required level needed for students' academic and professional life.			
04BJF3-1	French Language	Z	2
The course is suitable for bachelor students. The course develops all language competencies in the French language at level A2-B1 according to the CEFR: speaking, reading, listening and writing. In the course, students foster their knowledge of grammar and vocabulary for everyday situations. The course focuses on communicative skills. It is suitable for beginners.			
04BJF4-1	French Language	Z	2
The course develops communicative skills of the students in the French language on the level A1 according to the CEFR: speaking, reading, listening and writing. It provides an introduction to sociocultural aspects of present-day France and French-speaking world.			
04BJN3-1	German Language 3-1	Z	2
The course is suitable for bachelor students. The course develops all language competencies in the German language at level A2-B1 according to the CEFR: speaking, reading, listening and writing. In the course, students foster their knowledge of grammar and vocabulary for everyday situations. The course focuses on communicative skills. It is suitable for pre-intermediate students.			
04BJN4-1	German Language 4-1	Z	2
04BJR3-1	Russian Language	Z	2
The course is suitable for bachelor students. The course develops all language skills in the Russian language at level A1 according to the CEFR: speaking, reading, listening and writing. Students will familiarise themselves with the basics of Russian grammar and lexis for everyday situations. The course focuses on communicative skills. It is suitable for beginners/ false beginners..			
04BJR4-1	Russian Language	Z	2
04BJS3-1	Spanish Language 3-1	Z	2
The course is suitable for bachelor students. The course develops all language skills in the Spanish language on the level A1 according to the CEFR: speaking, reading, listening and writing. Students will familiarise themselves with the basics of Spanish grammar and lexis for everyday situations. The course focuses on communicative skills. The course is designed EXCLUSIVELY for beginners/ false beginners.			
04BJS4-1	Spanish Language 4-1	Z	2
The course is suitable for bachelor students. The course develops all language skills in the Spanish language on the level A1 according to the CEFR: speaking, reading, listening and writing. Students will familiarise themselves with the basics of Spanish grammar and lexis for everyday situations. The course focuses on communicative skills. The course is designed EXCLUSIVELY for beginners/ false beginners.			

51EDTB	Online information retrieval and the work with electronic information resources	KZ	2
This course is focused on knowledge and skills required for the work with course and scientific literature, for information searching in relevant and valuable scientific information resources, for acquiring desired information and literature, for applying newly acquired knowledge in practice during the work on bachelor thesis, and for acquiring the principles of citation ethics and citation practice incl. citing and creating reference lists.			
51ES	Economic Statistics	Z,ZK	4
The subject of Economic Statistics is oriented on measurement of economic events at microeconomic and macroeconomic level. This course will provide students with a solid foundation of descriptive statistics, regression and correlation analysis, indexes analysis, time series analysis and measurement of the seasonality.			
51FG	Financial Literacy	KZ	4
Banking Financial agency Investment and financial markets Leasing Old-age pension insurance Insurance companies Management of personal and family budget			
51ITP	Information Technology and Computer Literacy	Z,ZK	4
Students will learn how to adjust MS Excel user interface, to create, edit and format tables, enter basic as well as advanced formulas and functions (with economic and managerial applications); to understand and apply absolute / relative cell references, create and format charts. They will learn to work with databases in Excel and learn how to use the functions for searching, sorting data, using conditional formatting. Students will become familiar with multiple consolidation ranges, analyze external data source, as well as large spreadsheets or databases to create more complex types of graphs, create a PivotTable and graphs.			
51LZ	Human Resources Management	Z,ZK	6
Students will develop basic knowledge on personal planning, personal marketing (searching and evaluating new personnel, including methodology and forms of recruitment), assesment of work performance and remuneration, outplacementu and forming labour force.			
51M	Mathematics	Z,ZK	6
Basics of linear algebra - vectors, matrices, linear equations. Basics of differential calculation - limits, continuity of functions, derivation, monotony, local and absolut extremes,convexity, graphs. Basics of integral calculus - indefinite integral, methods of integration, definit integral and applications. Numerical calculation of integrals.			
51OP	General Psychology and Psychology of Personality	Z,ZK	6
51PE	Business Economics	Z,ZK	6
51PML	Operational management and logistics	KZ	4
This programme covers many facets of logistics and supply chain management to create significant competitive advantages. The graduates can find their career in the field of controlling the production planning and scheduling process; making effective use of the enterprise resources planning (ERP) system, while anticipating its impact on the manufacturing process and on inventories; planning and forecasting while translating internal and external customer demands; and managing the supply chain while evaluating it and making effective use of relevant tools, principles and concepts. In this specialization students will learn to meet these challenges by getting to grips with key issues in supply chain design. This involves pinpointing the best location for production facilities and distribution centres, and identifying the resources they need. They will learn how to structure operations management in production, warehousing, transport and distribution, and purchasing. The key is to give customers the standard of service they want and to ensure process reliability. Production and logistic management is about understanding the impact of customized logistical designs on overall performance. Students will apply advanced software tools for enterprise resource planning and integer linear programming problems, capacity analysis of production systems, distribution planning and vehicle routing.			
51PP1	Law and Business 1	Z,ZK	4
Subject of course Law and business includes the following: -labour law, its basis and role within the legal system -labour relations, international consequences -employment and its regulation -termination of employment -working hours, vacancy -wage, salary, -discretion and duties of the employer and employees -health and safety			
51PP2	Law and Business 2	Z,ZK	4
Course content: -development of the commercial law, its relation to the civil law -system of the commercial law -business (not based on the Trade law), entrepreneur -business relations and legal requirements -ensurance of business commitment -different contracts in accordance with the Commercial Code -business companies: -partnerships -companies with limited liability -joint stock companies -other companies -international and multinational companies			
51PPO	Work and Organizational Psychology	Z,ZK	6
Course Psychology of work and organization contains the following: theory, research and practices in psychology of work, individual differences among people and their relationship to work behaviour, work analysis, monitoring of the effectiveness. Psychological basis for staff selection,employees evaluation, analysis and modification of work behaviour, work motivationí, psychological aspects of personnel training, work under pressure. Basic terminology.			
51PRR	Project Management	Z,ZK	6
Modern Project Management. The Evolution Toward Integrated Projects. Alignment of Projects with Organization Strategy. A Project Portfolio Management System. Assessing the Effectiveness of the Priority. Choosing the Appropriate Project Management Structure. Implications of Organizational Culture for Organizing Projects. Establishing Project Priorities. Responsibility Matrices. Estimating Project Times and Costs. Types of Project Constraints. Rationale for Reducing Project Duration. Managing Project Teams. Managing International Projects. Emphasis will be placed on the functional areas of initiating the project and project planning methodology. Each student is required to complete the project assignment. In addition, the process of project management will be outlined and evolving changes in management practices discussed. The course is designed to provide engineers with the basic information and skills necessary to manage projects of the enterprise. Tuition suitably links sequence of managerial and technical subject categories and simultaneously reacts to topical business and graduation theses requirements. Teaching methods will include lectures, group presentations and discussions of cases as well as other exercises.			
51PUC	Business Accounting	Z,ZK	6
Content of the course is introduction to accounting. Double-entry bookkeeping and its principles, balance sheet account, profit and loss account,cash-flow. Sections in bookkeeping:long term investment, stock, costs, revenues, International accounting standards, accounting principles. Accounting system.			
51S	Sociology	Z,ZK	6
Content of the course is focused especially on the following topics:Sociology as a science, sociologic way of thinking including historic aspects, terminology. Sociology and management. Social roles management. The Czech society in 21st century. Sociologic research.			
51TV1	Physical Education 1	Z	0
51TV2	Physical Education 2	Z	0
51UE	Introduction to Economics	Z,ZK	6
The course is focused on the following subjects: basic economic relations and consequences. Economic aggregates and their consequences. Operating of the economics according to so called macroeconomic circle, various economic theories. Consumption behaviour in microeconomics. Theory of production. Different markets and competitions.			
51UV	Introduction to University Studies	Z	4
Content of the subject includes knowledge assisting students in quick and effective adaptation to conditions of university studies. Content of the subject:Part 1 - adaptation, Part 2. - ways of studying at universities, Part 3 - education and self-education.			
51VIS	Enterprise Information Systems	Z,ZK	4
The aim of the course is to teach students how to analyze the value processes within the company in its various departments and between departments. Aspect bodies represent departmental budgets and internal accounting, performance aspect preliminary and final costing. Organization's internal accounting, internal accounting continuity to financial accounting. The issue of internal performance and valuation of stocks. Aspects of classification costs. Used costing methods and techniques. The concept of full and variable costing. Integrating enterprise information systems in terms of cost - budgeting, preliminary costing, accounting, resulting calculation. Conversion relationships between a generic costing breakdown of costs, organizational and product control aspect. The set of indicators of production in the company and internal sphere.			
51XDM	Grant Management	KZ	4

51XE1ES	Economic Statistics	KZ	4
The subject of Economic Statistics is oriented on measurement of economic events at microeconomic and macroeconomic level. This course will provide students with a solid foundation of descriptive statistics, regression and correlation analysis, indexes analysis, time series analysis and measurement of the seasonality.			
51XE2ES	Economic Statistics	KZ	4
The subject of ?Economic Statistics? is oriented on measurement of economic events at microeconomic and macroeconomic level. This course will provide students with a solid foundation of descriptive statistics, regression and correlation analysis, indexes analysis, time series analysis and measurement of the seasonality.			
51XEBOZP	Health, Safety and Fire Prevention Principles	KZ	4
Basic legislation on OSH. EU, Czech Labour Code. Implementing regulations of the Labour Code. Duties of the employer. The rights and obligations of the employee. Risk prevention. Training of staff. Occupational accidents. Report of the accident. Documentation to ensure the health and safety. Labour Inspection, KHS, Environmental Engineering. Fire protection. The law on the protection of public health. Occupational Hygiene. Personal protective equipment. Safety signs and signals. Technical equipment.			
51XED	Introduction to Tax System for Economists	KZ	4
51XEIP	Intercultural Psychology	KZ	4
51XEJN	German Language	KZ	4
51XEJS	Spanish Language	KZ	4
51XEM	Etiquette for Managers	KZ	4
Introduction to all forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager face during business meetings, presentations or events.			
51XEPP	Computer Presentations	KZ	4
Students will learn basics of presentation structuring, basic aspects influencing successful presentation. Students should learn how to present information and results of their work, which form to use taking into account the audience. Students should adapt the form of their presentation to expectations, level of understanding and experience of the audience. Students will learn to apply modern didactic techniques in their presentations.			
51XEPT	Industrial Technologies	KZ	4
51XESRA	Statistical Analysis and Decision-making	KZ	4
Student will be introduced into using of statistical methods by describing onedimensional and twodimensional populations (with regression and correlation analysis). Student will be introduced into the probability theory, including basic distributions and statistical estimate and tests. The subject can be applied in the following fields: models of linear programming, inventory, queueing, network, simulation.			
51XEZS	Healthy Life Style	KZ	4
51XHT	Technology Assessment	KZ	4
Technology Assessment is a complex, multidisciplinary, transdisciplinary and interdisciplinary field on the frontier of philosophy and sociology of technology and has close relation to economics and prognostication. TA is a scientific, interactive and communicative process which aims to contribute to forming public and political opinion on social aspects of technology and science development.			
51XKD	Communication Skills	KZ	4
Students get acquainted with the principles of communicative and presentation skills, analyse the obtained skills and competencies, receive and provide feedback using self-evaluation so that they improve their abilities to communicate and perform high quality presentations.			
51XNM	Material Science	KZ	4
History and present state of materials engineering, overview of technical materials, internal structure of metals, crystal lattices and their defects, deformation, recrystallization and fracture of materials, structure and properties of materials and their testing, iron-carbon phase diagram, overview of steels, cast irons and nonferrous metals.			
51XPD	Presentation Skills	KZ	4
Students will learn how people act and interact, develop rules of verbal and nonverbal communication, including most common mistakes. In addition, students will develop their own presentation skills. Students will present their skills using videot techniques and get feedback, "peer-review".			
51XPIS	Project of Information System	KZ	4
Fundamental terms, information systems architecture, basic types of software applications for information system of enterprise, information system lifecycle, approaches to information system development, management information systems, web audit, business process modeling using BPMN, UML and others, information system modeling - UML and data modeling using ER diagrams			
51XPK	Corporatae Crisis	KZ	4
The aim of the course is an introduction of negative impacts of internal and external factors on the corporate life cycle. Crisis and corporate default are a natural phenomenon in the economy. It is important for students to be prepared on such a possible development and to have the knowledge to eventually reverse the unfavourable corporate development Knowledge should be in economic as well as in legislative perspective. The course will be especially based on case studies and practical applications respecting current economic reality and legal regulation.			
51XSE	Social Aspects of Energetics	KZ	4
The main topic of the course is the presentation of information from a variety of ideological streams in the context of global energy problems of mankind. The aim is to show the complex nature of the problems and to facilitate orientation of students in them. Students will learn about the engineering and economic approaches to the assessment of stocks of primary energy sources, the issue of energy security, for example in connection with the oil crises, with views of socially relevant groups of opinion on the direction of energy policy, the current policy implemented in the EU and the Czech Republic. The course also includes definitions and aspects of sustainable development, the importance of energy to the national economy and the debate on global climate change.			
51XSI	Systems Engineering and Information Systems	KZ	4
Design of primary system database, database implementation using SQL, data retrieval from transaction systems and data processing, OLAP measures and dimensions design and implementation for decision making purposes and results reporting using pivot charts and tables.			
51XSMR	Statistical Methods for Decision Making	KZ	4
51XTS	Rhetoric	KZ	4
Rhetoric provides an insight into rhetorical skills, voice & breath management, understandable articulation/pronunciation, speech speed and phrasing. The curriculum includes verbal communication practise based on pre-prepared and impromptu presentations, methods of developing rhetorical skills, target audience identification, preparation and types of speeches and language creativity. The course lays the foundations for effective communication training that is then followed up in Social Psychology-related courses.			
51XZS	Healthy Lifestyle	KZ	4
Health, legislation, factors influencing helath, way of living, civilization illnesses, healthy nutrition, work and relaxation, physical and mental activities.			
51ZPM	Basics of Business Management	Z,ZK	6
51ZSV	Basics of Engineering Production	Z,ZK	4
Basic technologies of semifinished products production, special technologies of alloying, forming work, welding and thermal parting. Basic information on production, finishing and unconventional methods of machining work. Programming, CAD/CAM systems.			
TV1	Physical Education	Z	0

TV2	Physical Education	Z	0
U00C6101	Bachelor Thesis	Z	6
U00C9901	Project of Bachelor Thesis	Z	2
The Project of the thesis addresses preparing students for writing large text so that it meets all the requirements of the graduate thesis.			
U04E0201	Networking in English	ZK	3
Focusing on the practical communicative needs of the students, the aim of the course is to acquire and systematically develop language skills and strategies of effective and appropriate business communication, interaction and behaviour in typical networking situations (personal branding, creation and management of a network of business contacts with people who might help with extension and development of business opportunities) through language analysis, role-plays and practice situations, vocabulary and grammar development, teamwork, and individual feedback. Practical language skills will be systematically developed in contexts and situations relevant to professional work.			
U04E0202	Business Correspondence	ZK	3
The aim of the course to help students write better emails in English as emails are the most common form of written communication. It is aimed at intermediate or upper-intermediate level, and consists of sessions of language practice covering a wide range of business topics. It includes exercises on email style, but also practices more conventional language areas, such as fixed expressions, sentence structures, linking words, prepositions, verb tenses, and punctuation etc. It will help students to write effective emails, express themselves clearly, and their writing will be easier to understand. The course also uncovers cultural differences in Czech and English business communication			
U04E0203	Presentation Skills	ZK	3
Students will adopt main rules of verbal, nonverbal a para verbal (voice) communication and principles of presentation and communication strategies in English. Students will develop their own presentation skills in practical exercises. They will get feedback in a form of self-evaluation, "peer-review" and lecturer comments. The course is aimed at intermediate and upper-intermediate level.			
U04E0204	Critical Thinking	ZK	3
The primary objective of the course is to become familiar with the essentials of correct argumentation and to improve students' analytical and problem-solving skills. Through the discussion and practical use of advanced methods of argumentation, the course develops students' understanding of the essential principles involved in the practice of reasoned decision-making with the emphasis on their practical application in case studies discussing recent socioeconomic and political issues. The writing and language skills developed in this course might be used across the curriculum.			
U16C2401	Marketing	Z,ZK	6
The Marketing course makes the students familiar with some basic concepts, such as marketing and business strategies, market segmentation, marketing research, marketing mix and the application thereof, product policy, new product, product life cycle, pricing policy, pricing strategy, pricing methods and factors, distribution policy, types of intermediate distribution links, marketing distribution systems, marketing communications and new trends in marketing.			
U16C5302	Workplace Health, Safety and Fire Prevention	ZK	3
Basic legislation on OSH. EU, Czech Labour Code. Implementing regulations of the Labour Code. Duties of the employer. The rights and obligations of the employee. Risk prevention. Training of staff. Occupational accidents. Report of the accident. Documentation to ensure the health and safety. Labour Inspection, KHS, Environmental Engineering. Fire protection. The law on the protection of public health. Occupational Hygiene. Personal protective equipment. Safety signs and signals. Technical equipment.			
U16C5401	Marketing Research	Z,ZK	6
At the end of the course student should be able to define a problem for a research project, to specify the goals and target group, to determine the method and technique of solving problems from the used procedures and applications in the field of marketing practice. As a marketing manager, he / she should be able to assign and solve research problems both independently and in cooperation with a professional research agency.			
U16C5402	Design and Brand Management	ZK	3
U16C6101	Etiquette for Managers	ZK	3
Introduction to all forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager face during business meetings, presentations or events.			
U16C6102	Presentation Skills	Z	3
Students will adopt main rules of verbal, non verbal a para verbal (voice) communication and principles of presentation skills. Students will develop their own presentation skills in practical exercises. They will get feed back in a form of self evaluation, "peer-review" and lecturer comments.			
U16C9904	Globalization	Z,ZK	4
The overall aim is to explain globalization as an economic phenomenon and to bring the environment in which the world economy develops. Demonstrate the effects of globalization on integration processes, economic environment and personal liberty.			
U16C9905	Quality Management	Z,ZK	4
U51C5401	Leadership and Employee Education	Z,ZK	6
The course deals with approaches to leadership and training of employees in the context of the theory and practice of contemporary industrial enterprises.			
U63C4302	Corporate Financial Management	Z,ZK	6
The aim is to widen and deepen knowledge and skills in the field of financial engineering instruments, the financing needs of the company, as well as performance analysis. The main emphasis will be placed on understanding the company in its entirety and complexity, particularly with regard to the basic function of the target enterprise, increase market value and maximize wealth for shareholders.			
U63C5302	Managerial Tools and Calculations	Z,ZK	6
U63C5401	Data Processing and Information Security	Z,ZK	6
U65C5301	Labor Law	ZK	3
Labor relations - the creation, modification and termination, safety, collective bargaining.			
U65C6101	Grant Management	ZK	3
U65C6301	Legal Aspects of Consumer Protection	ZK	3
Basic information on consumer protection in general, interpretation of legislation from general to special, incl. consumer protection in financial markets. Emphasizing the importance of codes of ethics as one of the preventive tools for consumer protection and the cultivation of the consumer market.			
U66C0103	Genesis of International Trade as a Part of Modern Europe	ZK	3
U77C0005	Selected Industrial Technologies	ZK	3
U77C9903	Production Systems Design	KZ	4
In this course the student is familiar with the goals of the course, which focuses on the systematic increasing of enterprise productivity, achieved through rational organizational structure. The course focuses on the elimination of all kinds of wastes from especially the stages of development and defining processes. Is looking for a screening of different options to achieve customer needs with less time consumption, lower material requirements and overall capital cost saving. Subject uses modelling to the implementation of the principles of lean thinking into product realization processes, thereby achieving a competitive advantage.			
U77C9904	Advanced Technologies	KZ	4
U88E0201	Selected Business Management Issues A-1	ZK	6
U88E0202	Selected Business Management Issues A-2	ZK	6

U88E0203	Selected Business Management Issues B-1	ZK	3
U88E0204	Selected Business Management Issues B-2	ZK	3
U88E0205	Foreign Experience	Z	6

For updated information see <http://bilakniha.cvut.cz/en/FF.html>

Generated: day 2025-05-31, time 06:53.