## Study plan

# Name of study plan: B-EK-prez.forma od 11/12

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: 146 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) Tutors, authors and guarantors (gar.)	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	or students of bachelor managerial studies. Seminars cover Business Terminology and Communication Skills as well as gran	mar. The course	focuses on		
developing language sk	ills - reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics, on strengthening ar	nd improving gram	imar. All		
interconnected languag	e 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 an	d managerial		
applications); to underst	tand and apply absolute / relative cell references, create and format charts. They will learn to work with databases in Excel a	nd learn how to us	se the functions		
for searching, sorting da	ata, using conditional formatting. Students will become familiar with multiple consolidation ranges, analyze external data sour	ce, as well as larg	e spreadsheets		
or databases to create r	nore 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, loca	al and absolut ext	remes,convexity,		
graphs. Basics of integra	al 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 macroekonomic 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 10/11 Name of the group: 2.s.BEK-od 10/11 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 at least 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) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
04BJA2	English Language 2	Z	4	0P+4C		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
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 10/11 Name=2.s.BEK-od 10/11 prezen ní forma

04BJA2	English Language 2	Z	4
The course is suit	table for students of bachelor managerial studies. The course focuses on developing all four language skills at the given le	evel, i.e. reading, writing, sp	eaking and
listening, on unde	erstanding and orientation in a wide-range of topics in the students' respective professional and acedemic context, as well a	s on strengthening and imp	roving gramma
All interconnected	d language skills are submitted to the goal of developing the required level needed for students' academic and professiona	al life.	
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, internati	onal consequences -emplo	yment and its
regulation -termin	nation of employment -working hours, vacancy -wage, salary, -discretion and duties of the employer and employees -healt	h and safety	
51S	Sociology	Z,ZK	6
Content of the cou	urse is focused especially on the following topics: Sociology as a science, sociologic way of thinking including historic aspect	s, terminology. Sociology ar	nd management
Social roles mana	agement. The Czech society in 21st century. Sociologic research.		
51TV2	Physical Education 2	Z	0
51ZPM	Basics of Business Management	Z,ZK	6
	<b>1</b>	•	

## Code of the group: 3.S.BEK-P OD 12/13

Name of the group: 3.s.BEK-od 12/13 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) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
51FG	Financial Literacy	KZ	4	2P+1C	Z	Z
51PU	Business Accounting	KZ	4	2P+1C	Z	Z
51PP2	Law and Business 2	Z,ZK	4	2P+1C	Z	Z
51RJ	Quality Management	KZ	4	2P+1C	L,Z	Z
51LZ	Human Resources Management	Z,ZK	6	2P+2C	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 12/13 Name=3.s.BEK-od 12/13 prezen ní forma

51FG	Financial Literacy	KZ	4		
Banking Financial agen	cy Investment and financial markets Leasing Old-age pension insurance Insurance companies Management of personal and	family budget			
51PU	Business Accounting	KZ	4		
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 b	ookkeeping:long		
term investment, stock,	costs, revenues, International accounting standards, accounting principles. Accounting system.				
51PP2	Law and Business 2	Z,ZK	4		
Course content: -develo	pment of the commercial law, its relation to the civil law -system of the commercial law -business (not based on the Trade law)	), enterpreneur -b	usiness relations		
and legal requirements	-ensurance of business commitment -different contracts in accordance with the Commercial Code -business companies: -pa	rtnerships -compa	anies with limited		
liability -joint stock companies -other companies -international and multinational companies					
51RJ	Quality Management	KZ	4		
Content of the course: standards ISO 9000:2000. Application "Seven basic tools for quality control", basics of the theory of reliability, modern definition of realibility, stochastic					
characteristics of reliability Statistic control of quality: statistical analyses of production process, statistic regulation and statistical inspection. Seven new tools for quality management.					

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), assessment					
of work performance an	d remuneration, outplacementu and forming labour force.				
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.					

## Code of the group: 4.S.BEK-P OD 12/13 Name of the group: 4.S.BEK-od 12/13 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) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
51FP	Business Financing	Z,ZK	6	2P+2C	Z,L	Z
51L	Logistics	KZ	4	2P+1C	L	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 12/13 Name=4.s.BEK-od 12/13 prezen ní forma

 51FP
 Business Financing
 Z,ZK
 6

 Students will get familiar with the problematics o financial management of the business, analysis and interpretation of financial information, external and internal financial sources, balancing financial sources and applications, working capital management, investment evaluation, basics of financial mathematics and financial planning.
 6

 51L
 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, emploees 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

# 51VIS Enterprise Information Systems

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 13/14

Name of the group: 5.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 6 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) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
51MK	Marketing	Z,ZK	6	2P+2C	Z	Z
51PT	Advanced Technologies	Z	4	2P+1C	Z	Z
51PBP	Project of Bachelor Thesis	Z	6	1P+2C	Z	Z
51PS	Production Systems Design	KZ	4	2P+1C	Z	Z
51PR	Project Management	Z,ZK	6	2P+2C	Z	Z
51DTB	Online Information Retrieval and the Work with Electronic Information Resources	KZ	4	1P+2C	Z	Z

Characteristics of the courses of this group of Study Plan: Code=5.S.BEK-P OD 13/14 Name=5.s.BEK-od 13/14 prezen ní forma

51MK	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 ther	eof, product policy, new product, product life cycle, pricing policy, pricing strategy, pricing methods and factors, distribution policy	y, types of interme	diate distribution			
links, marketing distribution	ution systems, marketing communications and new trends in marketing.					
51PT	Advanced Technologies	Z	4			
Content of the course:	progressive trends in the technology of machining and analysis of their impact on the machining process result. Optimalizatio	n procceses from	the costs and			
productivity points of vi	ew. Progressive trends in the production of semi-finished products with the assistance of modern foundry, forming and weldin	ig technologies.				
51PBP	Project of Bachelor Thesis	Z	6			
Projekt of bachelor's de	gree paper will particularly include paper topic, topis specialization, explanation, further concretization; teoretic basis - surve	y of literature; pap	ber structure;			
research problem form	ulation and design, literature and sources analyses; paper goalse (structure of the goals and their appicability);hypothesis for	mulation (main hy	pothesis, partial			
hypotheses); empiric su	urvey; sample research (e.g. respondents and their analyses); time table of each work periods; plan and consultations with tur	tor etc.				
51PS	Production Systems Design	KZ	4			
Content of course: mod	ern methods of modern production system design, that leads to increasing productivity and effectivity of different organizatio	n configurations. I	Projects will be			
also focused on failure	free production flow, from material purchase, to contented customer. Course integrate knowledge of appropriate managerial,	economic and tee	chnical course			
with current requirement	nts of business practice.					
51PR	Project Management	Z,ZK	6			
The basics of the project	t management-based approach to complex corporate processes, including analysis of initial preconditions for a successful pro	ject, integration of	basic structural,			
technological, manager	rial and economic knowledge, all this based on network analysis. The course deals with the stages of project planning, implem	nentation and eval	uation, including			
responses to unplanne	d requirements and project risks. Field examples and analysis of field case studies.					
51DTB	Online Information Retrieval and the Work with Electronic Information Resources	KZ	4			
This course is focused	on knowledge and skills required for the work with course and scientific literature, for information searching in relevant and va	aluable scientific i	formation			
resources, for acquiring	g desired information and literature, for applying newly acquired knowledge in practice during the work on bachelor thesis, and	d for acquiring the	principles of			
citation ethics and citat	ion practice incl. citing and creating reference lists.					
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## Code of the group: 6.S.BEK-P OD 12/13 Name of the group: 6.s.BEK-od 12/13-prezen ní forma Requirement credits in the group: In this group you have to gain 14 credits Requirement courses in the group: In this group you have to complete 2 courses Credits in the group: 14 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) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
51G	Globalization	Z,ZK	6	2P+2C	L	Z
51TBP	Bachelor Thesis	Z	8	0+8	L	Z

#### Characteristics of the courses of this group of Study Plan: Code=6.S.BEK-P OD 12/13 Name=6.s.BEK-od 12/13-prezen ní forma

51G	Globalization	Z,ZK	6				
The overall aim is to exp	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.							
51TBP	Bachelor Thesis	Z	8				
Realization of the proje	ct of Bachelor's degree paper conditions concretization, particularly: paper topic, explanation and application; teoretical basis	s, analyses of the	pretical sources;				
paper structure; formulation of research problem incl. literature analysis; final goals; hypothesis formulation); empirical part(e.g. survey, test, sociometry etc.); research sample (e.g.							
respondents); timetable of each part realization; plan a consultations with the tutor; final version, including required enclosures (the Universities Act, Internal Czech Technical University							
Regulations); Bachelor's paper submitment and defence. Prezentation preparation							

Name of the block: Compulsory elective courses Minimal number of credits of the block: 24 The role of the block: PV

Code of the group: PVP-B-EK OD 12/13

Name of the group: PVP-B-EK prezen ní forma od 12/13 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 6 courses 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) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
51XDM	Grant Management	KZ	4	2P+0C		PV
51XE1ES	Economic Statistics	KZ	4	2P+1C	2	PV
51XE2ES	Economic Statistics	KZ	4	2P+1C	4	PV

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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
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
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		PV
51XEBOZP		KZ	4	2P+1C	-	PV
51XEZS	Health, Safety and Fire Prevention Principles	KZ	4	2P+1C		PV
51XZS	Healthy Life Style	KZ	4	2P+1C 2P+1C	L	
51725	Healthy Lifestyle	Γ.Ζ.	4	2F+10	L	PV
Characteristics of	the courses of this group of Study Plan: Code=PVP-B-EK OD 12/	13 Name=PV	P-B-EK	prezen ní f	forma o	d 12/13
51XDM	Grant Management			K		4
1	Economic Statistics			K		4
	Statistics is oriented on measurement of economic events at microeconomic and macroeco egression and correlation analysis, indexes analysis, time series analysis and measureme			provide studer	nts with a s	olid foundation
	Economic Statistics	ent of the season	anty.	ĸ	Z	4
						-
The subject of ?Economi	ic Statistics? is oriented on measurement of economic events at microeconomic and mac	roeconomic level.	This cours	1		th a solid
foundation of descriptive	statistics, regression and correlation analysis, indexes analysis, time series analysis and			e will provide s ality.	tudents wi	th a solid
foundation of descriptive 51XEM	statistics, regression and correlation analysis, indexes analysis, time series analysis and Etiquette for Managers	measurement of	the season	e will provide s ality.	tudents wi	4
foundation of descriptive 51XEM Introduction to all forms of	statistics, regression and correlation analysis, indexes analysis, time series analysis and	measurement of	the season	e will provide s ality.	tudents wi	4
foundation of descriptive 51XEM Introduction to all forms of presentations or events.	statistics, regression and correlation analysis, indexes analysis, time series analysis and Etiquette for Managers of social intercourse, correct resolution of social situations and rules of manners in different social intercourse, correct resolution of social situations and rules of manners in different social intercourse, correct resolution of social situations and rules of manners in different social situations and rules and rules social situations and rules and	measurement of	the season	e will provide s ality.	tudents wi	4
foundation of descriptive         51XEM         Introduction to all forms of presentations or events.         51XHT         Technology Assessment	statistics, regression and correlation analysis, indexes analysis, time series analysis and Etiquette for Managers of social intercourse, correct resolution of social situations and rules of manners in differen Technology Assessment is a complex, multidisciplinary, transdisciplinary and interdisciplinary field on the frontier of	measurement of int situations, which	the season h can man sociology o	e will provide s ality. Ager face durin K of technology a	Z   g business Z   nd has clo	4 s meetings, 4 se relation to
foundation of descriptive         51XEM         Introduction to all forms of presentations or events.         51XHT         Technology Assessment economics and prognost	statistics, regression and correlation analysis, indexes analysis, time series analysis and Etiquette for Managers of social intercourse, correct resolution of social situations and rules of manners in differen Technology Assessment is a complex, multidisciplinary, transdisciplinary and interdisciplinary field on the frontier of ication. TA is a scientific, interactive and communicative process which aims to contribute to	measurement of int situations, which	the season h can man sociology o	e will provide s ality. Ager face durin K of technology a	Z   g business Z   nd has clo	4 s meetings, 4 se relation to
foundation of descriptive         51XEM         Introduction to all forms of presentations or events.         51XHT         Technology Assessment economics and prognost and science development	statistics, regression and correlation analysis, indexes analysis, time series analysis and Etiquette for Managers of social intercourse, correct resolution of social situations and rules of manners in differen Technology Assessment is a complex, multidisciplinary, transdisciplinary and interdisciplinary field on the frontier of ication. TA is a scientific, interactive and communicative process which aims to contribute to it.	measurement of int situations, which	the season h can man sociology o	e will provide s ality.   K ager face durin   K of technology a opinion on soc	Z     g       g business       Z       Image: Comparison of the second	4 s meetings, 4 se relation to s of technology
foundation of descriptive 51XEM Introduction to all forms of presentations or events. 51XHT Technology Assessment economics and prognost and science developmen 51XEIP	statistics, regression and correlation analysis, indexes analysis, time series analysis and Etiquette for Managers of social intercourse, correct resolution of social situations and rules of manners in different Technology Assessment is a complex, multidisciplinary, transdisciplinary and interdisciplinary field on the frontier of iccation. TA is a scientific, interactive and communicative process which aims to contribute to tt. Intercultural Psychology	measurement of int situations, which	the season h can man sociology o	e will provide s ality. Ager face durin K of technology a	Z     g       Z     g       Image: Comparison of the second state o	4 s meetings, 4 se relation to
foundation of descriptive 51XEM Introduction to all forms of presentations or events. 51XHT Technology Assessment economics and prognost and science development 51XEIP 51XKD	statistics, regression and correlation analysis, indexes analysis, time series analysis and Etiquette for Managers of social intercourse, correct resolution of social situations and rules of manners in differen Technology Assessment is a complex, multidisciplinary, transdisciplinary and interdisciplinary field on the frontier of ication. TA is a scientific, interactive and communicative process which aims to contribute to it.	measurement of nt situations, whic of philosophy and o forming public a	the season h can man sociology c nd political	e will provide s ality. Ager face durin K of technology a opinion on soc	tudents wi Z   g business Z   nd has clo iial aspects Z   Z	4 s meetings, 4 se relation to s of technology 4 4 4
foundation of descriptive 51XEM Introduction to all forms of presentations or events. 51XHT Technology Assessment economics and prognost and science development 51XEIP 51XKD Students get acquainted so that they improve thei	statistics, regression and correlation analysis, indexes analysis, time series analysis and Etiquette for Managers of social intercourse, correct resolution of social situations and rules of manners in different Technology Assessment is a complex, multidisciplinary, transdisciplinary and interdisciplinary field on the frontier of ication. TA is a scientific, interactive and communicative process which aims to contribute to it. Intercultural Psychology Communication Skills with the principles of communicative and presentation skills, analyse the obtained skills ar r abilities to communicate and perform high quality presentations.	measurement of nt situations, whic of philosophy and o forming public a	the season h can man sociology c nd political	e will provide s ality. Ager face durin K of technology a opinion on soc K K d provide feedb	tudents wi Z   g business Z   nd has clo ial aspects Z   Z   ack using	4 s meetings, 4 se relation to s of technology 4 4 self-evaluation
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51XSI	Systems Engineering and Information Systems	KZ	4
Design of primary sy	stem database, database implementation using SQL, data retrieval from transaction systems and data processing, OLAP meas	ures and dimensi	ons design and
implementation for de	ecision 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 & amp; breath management, understandable articulation/pronunciation, speech speed and ph	rasing. The curric	ulum includes
verbal communicatio	n practise based on pre-prepared and impromptu presentations, methods of developing rhetorical skills, target audience identifi	cation, preparatio	n and types of
speeches and langua	ge 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 C	DSH. EU, Czech Labour Code. Implementing regulations of the Labour Code. Duties of the employer. The rights and obligations	of the employee.	Risk
prevention.Training o	staff. Occupational accidents. Report of the accident. Documentation to ensure the health and safety. Labour Inspection, KHS,	Environmental E	ngineering. Fire
protection. The law o	n the protection of public health. Occupational Hygiene. Personal protective equipment. Safety signs and signals. Technical equi	pment.	
51XEZS	Healthy Life Style	KZ	4
51XZS	Healthy Lifestyle	KZ	4
Health, legislation, fa	ctors influncing helath, way of living, civilization illnesses, healthy nutrition, work and relaxation, physical and mental activities.		

#### 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 12/13 Name of the group: 3.s.BEK-cizí jazyk od 12/13 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) Tutors, authors and guarantors (gar.)	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
04BJN3-1	German Language 3-1	Z	2	0P+2C		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 12/13 Name=3.s.BEK-cizí jazyk od 12/13

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 grar	nmar. The course	focuses on				
developing language skills - reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics, on strengthening a	nd improving gran	nmar. 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.						
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, i	eading, listening				
and writing. In the course, students foster their knowledge of grammar and vocabulary for everyday situations. The course focuses on communicative ski	lls. It is suitable for	pre-intermediate				
students.						
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 CEFF	: speaking, readi	ng, listening and				
writing. Students will familiarise themselves with the basics of Spanish grammar and lexis for everyday situations. The course focuses on communication	ative skills. The co	urse is designed				

EXCLUSIVELY for beginners/ false beginners.

Code of the group: 4.S.BEK-JAZ.OD12/13 Name of the group: 4.s.BEK-cizí jazyk od 12/13 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) Tutors, authors and guarantors (gar.)	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
04BJN4-1	German Language 4-1	Z	2	0P+2C		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.OD12/13 Name=4.s.BEK-cizí jazyk od 12/13

04BJA4	English Language 4	Z,ZK	6
The course is suitat	le for students of bachelor managerial studies. The course focuses on developing all four language skills at the given level, i.e. r	eading, writing, sp	eaking and
listening, on unders	anding and orientation in a wide-range of topics in the students' respective professional and acedemic context, as well as on strer	ngthening and imp	roving grammar.
All interconnected la	inguage 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 suitat	le for students of bachelor managerial studies. The course focuses on developing all four language skills at the given level, i.e. r	eading, writing, sp	eaking and
listening, on unders	anding and orientation in a wide-range of topics in the students' respective professional and acedemic context, as well as on strer	ngthening and imp	roving grammar.
All interconnected la	inguage skills are submitted to the goal of developing the required level needed for students' academic and professional life.		
04BJN4-1	German Language 4-1	Z	2
04BJS4-1		-	
040334-1	Spanish Language 4-1	Ζ	2
	Spanish Language 4-1 Ie for bachelor students. The course develops all language skills in the Spanish language on the level A1 according to the CEFF	│          ∠ R: speaking, readir	2
The course is suitab			z ng, listening and

# List of courses of this pass:

Code	Name of the course	Completion	Credits
04BJA1	English Language 1	Z	4
The course is su	itable for students of bachelor managerial studies. Seminars cover Business Terminology and Communication Skills as well as gram	mar. The course fo	cuses on
developing lang	guage skills - reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics, on strengthening a		mar. All
	interconnected language skills are submitted to the goal of developing the required level needed for students professional life	e.	
04BJA2	English Language 2	Z	4
	table for students of bachelor managerial studies. The course focuses on developing all four language skills at the given level, i.e. rea	0. 0. 1	•
	tanding and orientation in a wide-range of topics in the students' respective professional and acedemic context, as well as on strength	•	ng grammar.
	All interconnected language skills are submitted to the goal of developing the required level needed for students' academic and profe	_	
04BJA3	English Language 3	Z	4
	itable for students of bachelor managerial studies. Seminars cover Business Terminology and Communication Skills as well as gram		
developing lang	puage skills - reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics, on strengthening a		mar. All
	interconnected language skills are submitted to the goal of developing the required level needed for students' professional li		
04BJA3-1	English Language 3-1	Z	2
	itable for students of bachelor managerial studies. Seminars cover Business Terminology and Communication Skills as well as gram		
developing lang	juage skills - reading, writing, speaking and listening, on understanding and orientation in a wide-range of topics, on strengthening a		mar. All
	interconnected language skills are submitted to the goal of developing the required level needed for students' professional li		
04BJA4	English Language 4	Z,ZK	6
	table for students of bachelor managerial studies. The course focuses on developing all four language skills at the given level, i.e. rea	0. 0. 1	•
	tanding and orientation in a wide-range of topics in the students' respective professional and acedemic context, as well as on strength All interconnected language skills are submitted to the goal of developing the required level needed for students' academic and profe	•	ng grammar.
			4
04BJA4-1	English Language 4-1	Z,ZK	4
	table for students of bachelor managerial studies. The course focuses on developing all four language skills at the given level, i.e. reat tanding and orientation in a wide-range of topics in the students' respective professional and acedemic context, as well as on strength	0. 0. 1	•
-	All interconnected language skills are submitted to the goal of developing the required level needed for students' academic and profe		iy ylannal.
04BJN3-1		7	2
	German Language 3-1 ble for bachelor students. The course develops all language competencies in the German language at level A2-B1 according to the CEF	-	_
	burse, students foster their knowledge of grammar and vocabulary for everyday situations. The course focuses on communicative skills. It		<b>.</b> .
and whiting. In the co	students loster their knowledge of grammar and vocabulary for every day situations. The course locases on communicative skills. It		Intermediate
04BJN4-1	German Language 4-1	Z	2
04BJS3-1	Spanish Language 3-1	7	2
	ble for bachelor students. The course develops all language skills in the Spanish language on the level A1 according to the CEFR: sp		—
	If familiarise themselves with the basics of Spanish grammar and lexis for everyday situations. The course focuses on communicative		-
	EXCLUSIVELY for beginners/ false beginners.		
04BJS4-1	Spanish Language 4-1	Z	2
The course is suita	ble for bachelor students. The course develops all language skills in the Spanish language on the level A1 according to the CEFR: sp	beaking, reading, li	stening and
writing. Students wi	Il 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.		

51DTB	Online Information Retrieval and the Work with Electronic Information Resources	KZ	4
This course is fo	cused on knowledge and skills required for the work with course and scientific literature, for information searching in relevant and va	luable scientific inf	ormation
resources, for acq	uiring desired information and literature, for applying newly acquired knowledge in practice during the work on bachelor thesis, and f	or acquiring the pr	inciples of
	citation ethics and citation practice incl. citing and creating reference lists.		
51FG	Financial Literacy	KZ	4
	inancial agency Investment and financial markets Leasing Old-age pension insurance Insurance companies Management of person		
51FP	Business Financing	Z,ZK	6
-	amiliar with the problematics o financial management of the business, analysis and interpretation of financial information, external and		al sources,
	cing financial sources and applications, working capital management, investment evaluation, basics of financial mathematics and fin		
51G	Globalization	Z,ZK	6
I ne overall aim is t	to explain globalization as an economic phenomenon and to bring the environment in which the world economy develops. Demonstra	ate the effects of gi	obalization
	on integration processes, economic environment and personal liberty.	7 71/	4
51ITP	Information Technology and Computer Literacy	Z,ZK	4
	how to adjust MS Excel user interface, to create, edit and format tables, enter basic as well as advanced formulas and functions (w		-
	derstand and apply absolute / relative cell references, create and format charts. They will learn to work with databases in Excel and lang data, using conditional formatting. Students will become familiar with multiple consolidation ranges, analyze external data source,		
ior searching, sorti	or databases to create more complex types of graphs, create a PivotTable and graphs.	as well as large sp	leausileets
51L		KZ	4
-	vers many facets of logistics and supply chain management to create significant competitive advantages. The graduates can find their		-
	ning and scheduling process; making effective use of the enterprise resources planning (ERP) system, while anticipating its impact		•
	planning and forecasting while translating internal and external customer demands; and managing the supply chain while evaluating		01
	inciples and concepts. In this specialization students will learn to meet these challenges by getting to grips with key issues in supply		
	est location for production facilities and distribution centres, and identifying the resources they need. They will learn how to structure	-	
production, wareho	busing, transport and distribution, and purchasing. The key is to give customers the standard of service they want and to ensure proc	ess reliability. Proc	duction and
logistic manageme	nt is about understanding the impact of customized logistical designs on overall performance. Students will apply advanced software	e tools for enterpris	e resource
	planning and integer linear programming problems, capacity analysis of production systems, distribution planning and vehicle ro	outing.	
51LZ	Human Resources Management	Z,ZK	6
Students will develo	p basic knowledge on personal planning, personal marketing (searching and evaluating new personnel, including methodology and for	ms of recruitment),	, assesment
	of work performance and remuneration, outplacementu and forming labour force.		
51M	Mathematics	Z,ZK	6
	bra - vectors, matrices, linear equations. Basics of differential calculation - limits, continuity of functions, derivation, monotony, local a		s,convexity,
ç	praphs. Basics of integral calculus - indefinite integral, methods of integration, definit integral and applications. Numerical calculation	of integrals.	
51MK	Marketing	Z,ZK	6
The Marketing cou	urse makes the students familiar with some basic concepts, such as marketing and business strategies, market segmentation, market	ting research, mar	rketing mix
and the application	thereof, product policy, new product, product life cycle, pricing policy, pricing strategy, pricing methods and factors, distribution policy, ty	pes of intermediate	distribution
	links, marketing distribution systems, marketing communications and new trends in marketing.		
51OP	links, marketing distribution systems, marketing communications and new trends in marketing. General Psychology and Psychology of Personality	Z,ZK	6
51OP 51PBP	General Psychology and Psychology of Personality	Z,ZK Z	6 6
51PBP		Z	6
51PBP Projekt of bachelo	General Psychology and Psychology of Personality Project of Bachelor Thesis	Z of literature; paper	6 structure;
51PBP Projekt of bachelo research problem fo	General Psychology and Psychology of Personality Project of Bachelor Thesis or's degree paper will particularly include paper topic, topis specialization, explanation, further concretization; teoretic basis - survey	Z of literature; paper ation (main hypoth	6 structure;
51PBP Projekt of bachelo research problem fo	General Psychology and Psychology of Personality Project of Bachelor Thesis or's degree paper will particularly include paper topic, topis specialization, explanation, further concretization; teoretic basis - survey prmulation and design, literature and sources analyses; paper goalse (structure of the goals and their appicability);hypothesis formul	Z of literature; paper ation (main hypoth	6 structure;
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51PBP Projekt of bachelo research problem fo 51PE 51PP1 Subject of course regu 51PP2 Course content: -de and legal requirement 51PP0 Course Psychology to work behaviou 51PR The basics of the pr technological, mana 51PS Content of course: also focused on fa 51PT Content of the course productivit 51PU Content of the course	General Psychology and Psychology of Personality           Project of Bachelor Thesis           or is degree paper will particularly include paper topic, topis specialization, explanation, further concretization; teoretic basis - survey           or is degree paper will particularly include paper topic, topis specialization, explanation, further concretization; teoretic basis - survey           or is degree paper will particularly include paper topic, topis specialization, explanation, further concretization; teoretic basis - survey           survey; sample research (e.g. respondents and their analyses); time table of each work periods; plan and consultatio           Business Economics           Law and Business 1           Law and Business 1           Law and Business 2           velopment of the commercial law, its relation to the civil law -system of the commercial aw -business (not based on the Trade law), er           Interventional and multinational companies           Nork and Organization contains the following: theory, research and practices in psychology of work, individual differences among r, work analysis, monitoring of the effectiveness. Psychological basis for staff selection, emploees evaluation, analysis and modificat motivationi, psychological aspects of personnel training, work under pressure. Basic terminology.           Project Management           Ordex on partice in trequirements and project risks. Field examples and analysis of fie	Z of literature; paper ation (main hypoth ns with tutor etc. Z,ZK z,ZK quences -employm alth and safety Z,ZK terpreneur -busine rships -companies Z,ZK people and their r ion of work behavio Z,ZK integration of basi ation and evaluatio KZ configurations. Proj- conomic and techni Z procceses from the velding technologie KZ . Sections in bookk	6 structure; esis, partial 6 4 ent and its 4 ess relations with limited 6 relationship our, work 6 ic structural, on, including 4 ects will be ical course 4 e costs and es. 4 eeping:long
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51S	Sociology	Z,ZK	6
Content of the cours	se is focused especially on the following topics: Sociology as a science, sociologic way of thinking including historic aspects, terminolog	y. Sociology and m	anagement.
	Social roles management. The Czech society in 21st century. Sociologic research.		
51TBP	Bachelor Thesis	Z	8
Realization of the p	roject of Bachelor's degree paper conditions concretization, particularly: paper topic, explanation and application; teoretical basis, ar	halyses of theoretic	cal sources;
paper structure; fo	ormulation of research problem incl. literature analysis; final goals; hypothesis formulation); empirical part(e.g. survey, test, sociometry	y etc.); research sa	mple (e.g.
respondents); timeta	able of each part realization; plan a consultations with the tutor; final version, including required enclosures (the Universities Act, Inter	nal Czech Technic	al University
	Regulations); Bachelor's paper submitment and defence. Prezentation preparation		-
51TV1	Physical Education 1	Z	0
51TV2		Z	-
••••	Physical Education 2		0
51UE	Introduction to Economics	Z,ZK	6
	sed on the following subjects: basic economic relations and consequences. Economic aggregates and their consequences. Operatin	-	- 1
to so called	I macroekonomic circle, various economic theories. Consumption behaviour in microeconomics. Theory of production. Different mark	ets and competition	ons.
51UV	Introduction to University Studies	Z	4
Content of the sub	ject includes knowledge assisting students in quick and effective adaptation to conditions of university studies. Content of the subject	: t:Part 1 - adaptatio	on, Part 2
	ways of studying at universities, Part 3 - education and self-education.		
51VIS	Enterprise Information Systems	Z,ZK	4
	urse is to teach students how to analyze the value processes within the company in its various departments and between department		
	ts and internal accounting, performance aspect preliminary and final costing. Organization's internal accounting, internal accounting co		
	al performance and valuation of stocks. Aspects of classification costs. Used costing methods and techniques. The concept of full an	-	- 1
		-	
enterprise informa	tion systems in terms of cost - budgeting, preliminary costing, accounting, resulting calculation. Conversion relationships between a	generic costing bre	eakdown 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 Econ	nomic Statistics is oriented on measurement of economic events at microeconomic and macroeconomic level. This course will provide s	tudents with a soli	d foundation
-	of descriptive statistics, regression and correlation analysis, indexes analysis, time series analysis and measurement of the seas		
51XE2ES	Economic Statistics	KZ	4
	Economic Statistics? is oriented on measurement of economic events at microeconomic and macroeconomic level. This course will p	1	-
	undation of descriptive statistics, regression and correlation analysis, indexes analysis, time series analysis and measurement of the		
		-	
51XEBOZP	Health, Safety and Fire Prevention Principles	KZ	4
-	ion on OSH. EU, Czech Labour Code. Implementing regulations of the Labour Code. Duties of the employer. The rights and obligation		
	of staff. Occupational accidents. Report of the accident. Documentation to ensure the health and safety. Labour Inspection, KHS, Er	-	eering. Fire
protec	tion. The law on the protection of public health. Occupational Hygiene. Personal protective equipment. Safety signs and signals. Tech	nical equipment.	
51XED	Introduction to Tax System for Economists	KZ	4
51XEIP	Intercultural Psychology	KZ	4
-	· · ·		-
51XEJN	German Language	KZ	4
51XEJN 51XEJS	German Language Spanish Language	KZ KZ	-
51XEJN	German Language	KZ	4
51XEJN 51XEJS 51XEM	German Language Spanish Language	KZ KZ KZ	4 4 4
51XEJN 51XEJS 51XEM	German Language Spanish Language Etiquette for Managers	KZ KZ KZ	4 4 4
51XEJN 51XEJS 51XEM Introduction to all	German Language Spanish Language Etiquette for Managers forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager fac presentations or events.	KZ KZ KZ ze during business	4 4 4 meetings,
51XEJN 51XEJS 51XEM Introduction to all 51XEPP	German Language Spanish Language Etiquette for Managers forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager fac presentations or events. Computer Presentations	KZ KZ KZ te during business KZ	4 4 4 meetings,
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51XEJN 51XEJS 51XEM Introduction to all 51XEPP Students will learn	German Language Spanish Language Etiquette for Managers forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager fac presentations or events. Computer Presentations basics of presentation structuring, basic aspects influencing successful presentation. Students should learn how to present informa e taking into account the audience. Students should adapt the form of their presentation to expectations, level of understanding and	KZ KZ we during business KZ tion and results of	4 4 4 meetings, 4 their work,
51XEJN 51XEJS 51XEM Introduction to all 51XEPP Students will learn which form to use	German Language Spanish Language Etiquette for Managers forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager fac presentations or events. Computer Presentations I basics of presentation structuring, basic aspects influencing successful presentation. Students should learn how to present informa e taking into account the audience. Students should adapt the form of their presentation to expectations, level of understanding and Students will learn to apply modern didactic techniques in their presentations.	KZ KZ e during business KZ tion and results of experience of the a	4 4 meetings, 4 their work, audience.
51XEJN 51XEJS 51XEM Introduction to all 51XEPP Students will learn which form to use 51XEPT	German Language Spanish Language Etiquette for Managers forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager fac presentations or events. Computer Presentations I basics of presentation structuring, basic aspects influencing successful presentation. Students should learn how to present informa e taking into account the audience. Students should adapt the form of their presentation to expectations, level of understanding and Students will learn to apply modern didactic techniques in their presentations. Industrial Technologies	KZ KZ e during business KZ tion and results of experience of the a KZ	4 4 meetings, 4 their work, audience. 4
51XEJN 51XEJS 51XEM Introduction to all 51XEPP Students will learn which form to use 51XEPT 51XESRA	German Language Spanish Language Etiquette for Managers forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager fac presentations or events. Computer Presentations I basics of presentation structuring, basic aspects influencing successful presentation. Students should learn how to present informa e taking into account the audience. Students should adapt the form of their presentation to expectations, level of understanding and Students will learn to apply modern didactic techniques in their presentations. Industrial Technologies Statistical Analysis and Decision-making	KZ KZ ce during business KZ tion and results of experience of the a KZ KZ	4 4 meetings, 4 their work, audience. 4 4
51XEJN 51XEJS 51XEM Introduction to all 51XEPP Students will learn which form to use 51XEPT 51XESRA	German Language Spanish Language Etiquette for Managers forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager fac presentations or events. Computer Presentations I basics of presentation structuring, basic aspects influencing successful presentation. Students should learn how to present informa e taking into account the audience. Students should adapt the form of their presentation to expectations, level of understanding and Students will learn to apply modern didactic techniques in their presentations. Industrial Technologies	KZ KZ ce during business KZ tion and results of experience of the a KZ KZ	4 4 meetings, 4 their work, audience. 4 4
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51XEJN 51XEJS 51XEM Introduction to all 51XEPP Students will learn which form to use 51XEPT 51XESRA Student will be intr introduced into the 51XEZS 51XHT Technology Assess	German Language           Spanish Language           Etiquette for Managers           forms of social intercourse, correct resolution of social situations and rules of manners in different situations, which can manager fact presentations or events.           Computer Presentations           a basics of presentation structuring, basic aspects influencing successful presentation. Students should learn how to present informa           e taking into account the audience. Students should adapt the form of their presentation to expectations, level of understanding and Students will learn to apply modern didactic techniques in their presentations.           Industrial Technologies           Statistical Analysis and Decision-making           roduced into using of statistical methods by describing onedimensional and twodimensional populations (with regression and correla probability theory, including basic distributions and statistical estimate and tests. The subject can be applied in the following fields: n inventory, queuing, network, simulation.           Healthy Life Style           Technology Assessment           sment is a complex, multidisciplinary, transdisciplinary and interdisciplinary field on the frontier of philosophy and sociology of technology of technology of technology of technology of technology for the stopping fields on the formation of philosophy and sociology of technology of technology fields on the formation of philosophy and sociology of technology fields on the formation of philosophy and sociology of technology fields on the formation of philosophy and sociology of technology fields on the formatic of philosophy and sociology of technology fields on the	KZ KZ kZ we during business KZ tion and results of experience of the a KZ KZ tion analysis). Stud hodels of linear pro- KZ KZ KZ	4 4 4 meetings, 4 their work, audience. 4 dent will be ogramming, 4 4 e relation to
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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 measure	es and dimensions	design and
	implementation for decision making purposes and results reporting using pivot charts and tables.		
51XTS	Rhetoric	KZ	4
Rhetoric provides	s an insight into rhetorical skills, voice & amp; breath management, understandable articulation/pronunciation, speech speed and phra	sing. The curriculu	im includes
verbal communic	ation practise based on pre-prepared and impromptu presentations, methods of developing rhetorical skills, target audience identifica	tion, preparation a	and types of
speeches	and language creativity. The course lays the foundations for effective communication training that is then followed up in Social Psychological effective communication training that is the followed up in Social Psychological effective communication training that is the followed up in Social Psychological effective communication training that is the followed up in Social Psychological effective communications are completed with the followed up in Social Psychological effective communications are completed with the followed up in Social Psychological effective communications are completed with the followed up in Social Psychological effective communications are completed with the followed up in Social Psychological effective communications are completed with the followed up in Social Psychological effective communications are completed with the followed up in Social Psychological effective communications are completed with the followed up in Social Psychological effective communications are completed with the followed up in Social Psychological effective communications are completed with the followed up in Social Psychological effective communications are completed with the followed up in Social Psychological effective communications are completed with the followed up in Social effective communications are completed with the followed up in Social effective communications are completed with the followed up in Social effective communications are completed with the followed up in Social effective communications are completed with the followed up in Social effective communications are completed with the followed up in Social effective communications are completed with the followed up in Social effective completed with	ology-related cours	ses.
51XZS	Healthy Lifestyle	KZ	4
ŀ	ealth, legislation, factors influncing helath, way of living, civilization illnesses, healthy nutrition, work and relaxation, physical and mer	ntal activities.	
51ZPM	Basics of Business Management	Z,ZK	6
51ZSV	Basics of Engineering Production	Z,ZK	4
Basic technologi	es of semifinished products production, special technologies of alloying, forming work, welding and thermal parting. Basic information	on production, fin	ishing and
	unconventional methods of machining work. Programming, CAD/CAM systems.		
TV1	Physical Education	Z	0
1 V I			<u> </u>

For updated information see <u>http://bilakniha.cvut.cz/en/FF.html</u> Generated: day 2025-06-08, time 04:31.