

Study plan

Name of study plan: Prospectus

Faculty/Institute/Others:

Department:

Branch of study guaranteed by the department: Welcome page

Garantor of the study branch:

Program of study:

Type of study: Follow-up master full-time

Required credits: 3

Elective courses credits: -3

Sum of credits in the plan: 0

Note on the plan:

Name of the block: Volitelné p edm ty-odborné

Minimal number of credits of the block: 3

The role of the block: F

Code of the group: PRO_MUVS_O

Name of the group: Courses that will certainly be open

Requirement credits in the group: In this group you have to gain at least 3 credits

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

Credits in the group: 3

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
G63E4301	Advanced Topics in Financial Management	Z	3	0P+2C	L	F
U04E0202	Business Correspondence	ZK	3	0P+2C	Z,L	F
G16E1301	Business Process Management and Production Systems	Z,ZK	6	2P+2C		F
G65E3101	City Competitiveness	ZK	3	2P+0C	Z	F
G63E1301	Corporate Financial Management	Z,ZK	6	2P+2C		F
U16E0101	Corporate Social Responsibility	Z,ZK	6	2P+2C		F
U04E0204	Critical Thinking	ZK	3	0P+2C	Z,L	F
U16E0102	Cross-cultural Management	Z,ZK	6	2P+2C		F
U88E0101	Current Issues in Business from a V4 Perspective	KZ	6	4P+0C		F
G63E3301	Economic and Financial Modelling	KZ	3	0P+2C		F
G65E4101	European Union and Regional Policy	ZK	3	2P+0C		F
G63E2301	Financial Markets and Risk Management	Z,ZK	6	2P+2C	L	F
G16E2301	Lean Manufacturing	Z,ZK	6	2P+2C	L	F
G16E2201	Modern Approaches in Project Management	Z,ZK	6	2P+2C	L	F
U04E0201	Networking in English	ZK	3	0P+2C	Z,L	F
U04E0203	Presentation Skills	ZK	3	0P+2C	Z,L	F
G65E2301	Regional Development and Planning	Z,ZK	6	2P+2C	Z,L	F
G16E3301	Six Sigma	ZK	3	0P+2C		F
G65E1301	Smart Cities and Regions	Z,ZK	6	2P+2C		F
G16E0501	Social Competences in Project and Process Management	Z	3	0P+2C		F
G16E1201	Standards of Project Management	Z,ZK	6	2P+2C		F
U16E0501	Talent Management	Z,ZK	6	0P+4C		F

Characteristics of the courses of this group of Study Plan: Code=PRO_MUVS_O Name=Courses that will certainly be open

G63E4301	Advanced Topics in Financial Management	Z	3
During the course will be studied the strategies for recognizing the financial performance of firms. The market information drawn from the transactions performed at the financial markets will be combined with the internal corporative sources. Several approaches and indicators will be applied to assess the evolution of companies. The course aims at overhaul the path research of the portfolio theory and recognize the main financial models intended to manage the assets. The exercises and theoretical perspective deal with a diversity of strategies developed for assigning a portfolio of investment, combining assets of different degree of risk, underpinning the position with the diversification principle. The overview starts with the pioneering Markowitz contribution; the course analyzes also the Merton Miller model of irrelevance of the equity-debt composition for the corporative structure of capital. The analysis includes also the Sharpe CAPM model. But previously, the student must be aware of all statistical concepts dealing with uncertainty, probability distributions, confidence intervals and probability of default. With the conducting background the course enters in the definition of VaR applications, in order to quantify the amounts of losses based on the probability distribution, based on the Gaussian statistical theory. The estimation of measures of risk conveyed by each individual asset is run by econometric methods.			
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			
G16E1301	Business Process Management and Production Systems	Z,ZK	6
The aim of the course is to provide students with theoretical and practical knowledge of modern specific forms of management - Business Process Management (BPM) and Business Process Reengineering and the relationships between them. At the beginning of study, are explained roots of Business Process Management, the individual developmental waves by world authors (King, Fingar, Smith and others.).			
G65E3101	City Competitiveness	ZK	3
In the contemporary globalizing world cities increasingly find themselves in a competitive environment. The development of one settlement is often possible at the expense of the declination of another. The aim of the course is to acquaint students with current problems of the contemporary city and with basic strategies to solve them. Relevant case studies from practice will be used as part of the course teaching.			
G63E1301	Corporate Financial Management	Z,ZK	6
Analysis of financial techniques of corporations and firms when facing the financial markets. The portfolio analysis and the implications for the Corporative Management Modelling the parameters and alternatives for valuating the company. Applied tools for understanding the credit operations on the market. Elaboration of amortization tables. The course is organized 2 lectures (mean 90 minutes) weekly, 2 seminars (90 minutes) weekly. 6 credits. Z – zápo et, ZK zkouška (preliminary test and exam). This is composed by a theoretical instruction and a practical development. Heavily supported by Excel functions and formulas.			
U16E0101	Corporate Social Responsibility	Z,ZK	6
The subject deals with corporate social responsibility (CSR). The CSR concept builds on the principle 3P: people-planet-profit. The course focuses on an explanation of the theoretical background of this concept, the interpretation of documents regulating corporate social, economic and environmental activities, and non-financial reporting standards. It includes a link between the CSR concept with corporate processes, especially business strategy, HRM, marketing, and PR. Illustrations of various CSR strategies and practices cover case studies of projects designed abroad, and in Czech conditions.			
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.			
U16E0102	Cross-cultural Management	Z,ZK	6
Managing cultural diversity is crucial in today's globalized world and doing business across countries. Cross culture is the interaction of people from different backgrounds in the business world. Knowledge of cross-cultural differences and their practical use increases the efficiency of interaction between representatives of different national cultures and could be considered one of the core competencies of a successful manager in the global environment. The course is open to students of all majors looking for deeper knowledge about how culture shapes management practices in international companies as well as the cultural orientations of individual managers and organization members.			
U88E0101	Current Issues in Business from a V4 Perspective	KZ	6
he course, organized in five full-day lectures involving an international group of guest lecturers and supported by the Visegrad Funds, will take a multidisciplinary approach, introducing and developing particular advanced topics relevant for business. This will be addressed from a Central-European view-point, providing students with international as well as regional-specific insights.			
G63E3301	Economic and Financial Modelling	KZ	3
The course is organized in 2 seminars weekly, 3 credits. Analyzing and solving models of optimal allocation of assets, management of risk, and Portfolio allocation			
G65E4101	European Union and Regional Policy	ZK	3
The course discusses developments in the EU and in the EU Regional Policy from the end of the Cold War until today. It focuses on relevant issues of the integration process. It is based on lectures, class discussions and presentations of various positions present in the debates (group projects / own positions). The objectives of the course are to explain a modern development of the EU, analyse key points in particular areas of integration and practise argumentation skills.			
G63E2301	Financial Markets and Risk Management	Z,ZK	6
The analysis of the management of financial risk recently tends towards strategies for hedging the portfolio, and for designing an investment strategy based on diversification. The course spans broad sections implementing the principles of variable income and fixed income. The Financial Models evolved rapidly from the inception of the Modern Theory of Portfolio. The original Mean - Variance analysis, the CAPM, The Black-Litterman model, the disruptive framework implicit in the Black Scholes model for pricing options and the Bob Merton's contribution, all of them represent theoretical breakthroughs in the field of finance. When tackling this study, solid statistical basis and advanced skills in Excel are required. The analysis of risk relies on Many of the models based on important benchmarks rooted in Merton's options theoretic approach and explains default in structural terms related to the market value of the firm's assets as compared to its debt obligations. Other model statistically decomposes observed risky debt prices into default risk premiums. The set of models pretends to measure the credit risk of a loan or a portfolio of loans. In this vein, the curse pursuits to simplify the technical details and analytics surrounding these models, while concentrating on their underlying economics and economic intuition. They learn to use market instruments and market analyses to design efficient investment and hedging strategies and methods for the company capital management hurled to financial markets.			
G16E2301	Lean Manufacturing	Z,ZK	6
The aim of this course is to expand the knowledge of the course preceding. These is: Business Process Management and Production Systems. Students will be provided a basic overview chosen in the area of: Value Stream Analysis, competitive advantage, productivity measurement and analysis of samples chosen from industrial engineering methods that are an essential part of production systems and Lean Manufacturing activity too. The course presents the case studies application of a number of different components of Lean Management, Lean Production and Manufacturing in different organizations, manufacturing or services. Value-added is taken into consideration throughout the whole course.			
G16E2201	Modern Approaches in Project Management	Z,ZK	6
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.			

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.			
G65E2301	Regional Development and Planning	Z,ZK	6
he goal is to understand the reason, mission and specifics of regional and municipal development in the context of European Union as well as Czech Republic, and of planning as a tool of development. Students should know the core European concepts of regional and municipal development. A particular attention will be paid to the Middle-European planning culture and planning system, which is rooted in the mutual interactions between spatial, urban, strategic and environmental planning. Students should perceive development from the perspectives of different stakeholders and professions, and understand the need of cooperation, participation and democracy in practice.			
G16E3301	Six Sigma	ZK	3
The course is aimed at practical application of how the individual components (methods and techniques - mainly applied statistical methods and techniques) used in this approach and a common application of these components throughout the DMAIC cycle (Define, Measure, Analyze, Improve, Control).			
G65E1301	Smart Cities and Regions	Z,ZK	6
Smart Cities and Smart Regions study introduces students to the interdisciplinary issue Smart Cities, preparing concept SC and its planning and indicators.			
G16E0501	Social Competences in Project and Process Management	Z	3
G16E1201	Standards of Project Management	Z,ZK	6
The subject acquaints students with good experience in the field of standards of project management After completing the course, students will be prepared to pass the international professional examinations.			
U16E0501	Talent Management	Z,ZK	6
The course is aimed at practical application of knowledge and basic skills of Talent Management as well as the development of personal competencies of each student in order to improve individual self-presentation and to succeed during the Recruiting Process and Employee / Employer Selection process.			

List of courses of this pass:

Code	Name of the course	Completion	Credits
G16E0501	Social Competences in Project and Process Management	Z	3
G16E1201	Standards of Project Management	Z,ZK	6
The subject acquaints students with good experience in the field of standards of project management After completing the course, students will be prepared to pass the international professional examinations.			
G16E1301	Business Process Management and Production Systems	Z,ZK	6
The aim of the course is to provide students with theoretical and practical knowledge of modern specific forms of management - Business Process Management (BPM) and Business Process Reengineering and the relationships between them. At the beginning of study, are explained roots of Business Process Management, the individual developmental waves by world authors (King, Fingar, Smith and others.).			
G16E2201	Modern Approaches in Project Management	Z,ZK	6
G16E2301	Lean Manufacturing	Z,ZK	6
The aim of this course is to expand the knowledge of the course preceding. These is: Business Process Management and Production Systems. Students will be provided a basic overview chosen in the area of: Value Stream Analysis, competitive advantage, productivity measurement and analysis of samples chosen from industrial engineering methods that are an essential part of production systems and Lean Manufacturing activity too. The course presents the case studies application of a number of different components of Lean Management, Lean Production and Manufacturing in different organizations, manufacturing or services. Value-added is taken into consideration throughout the whole course.			
G16E3301	Six Sigma	ZK	3
The course is aimed at practical application of how the individual components (methods and techniques - mainly applied statistical methods and techniques) used in this approach and a common application of these components throughout the DMAIC cycle (Define, Measure, Analyze, Improve, Control).			
G63E1301	Corporate Financial Management	Z,ZK	6
Analysis of financial techniques of corporations and firms when facing the financial markets. The portfolio analysis and the implications for the Corporative Management Modelling the parameters and alternatives for valuating the company. Applied tools for understanding the credit operations on the market. Elaboration of amortization tables. The course is organized 2 lectures (mean 90 minutes) weekly, 2 seminars (90 minutes) weekly. 6 credits. Z – zápo et, ZK zkouška (preliminary test and exam). This is composed by a theoretical instruction and a practical development. Heavily supported by Excel functions and formulas.			
G63E2301	Financial Markets and Risk Management	Z,ZK	6
The analysis of the management of financial risk recently tends towards strategies for hedging the portfolio, and for designing an investment strategy based on diversification. The course spans broad sections implementing the principles of variable income and fixed income. The Financial Models evolved rapidly from the inception of the Modern Theory of Portfolio. The original Mean - Variance analysis, the CAPM, The Black-Litterman model, the disruptive framework implicit in the Black Scholes model for pricing options and the Bob Merton's contribution, all of them represent theoretical breakthroughs in the field of finance. When tackling this study, solid statistical basis and advanced skills in Excel are required. The analysis of risk relies on Many of the models based on important benchmarks rooted in Merton's options theoretic approach and explains default in structural terms related to the market value of the firm's assets as compared to its debt obligations. Other model statistically decomposes observed risky debt prices into default risk premiums. The set of models pretends to measure the credit risk of a loan or a portfolio of loans. In this vein, the curse pursuits to simplify the technical details and analytics surrounding these models, while concentrating on their underlying economics and economic intuition. They learn to use market instruments and market analyses to design efficient investment and hedging strategies and methods for the company capital management hurled to financial markets.			
G63E3301	Economic and Financial Modelling	KZ	3
The course is organized in 2 seminars weekly, 3 credits. Analyzing and solving models of optimal allocation of assets, management of risk, and Portfolio allocation			
G63E4301	Advanced Topics in Financial Management	Z	3
During the course will be studied the strategies for recognizing the financial performance of firms. The market information drawn from the transactions performed at the financial markets will be combined with the internal corporative sources. Several approaches and indicators will be applied to assess the evolution of companies. The course aims at overhaul the path research of the portfolio theory and recognize the main financial models intended to manage the assets. The exercises and theoretical perspective deal with a diversity of strategies developed for assigning a portfolio of investment, combining assets of different degree of risk, underpinning the position with the diversification principle. The overview starts with the pioneering Markowitz contribution; the course analyzes also the Merton Miller model of irrelevance of the equity-debt composition for the corporative structure of capital. The analysis includes also the Sharpe CAPM model. But previously, the student must be aware of all statistical concepts dealing with uncertainty, probability distributions, confidence intervals and			

probability of default. With the conducting background the course enters in the definition of VaR applications, in order to quantify the amounts of losses based on the probability distribution, based on the Gaussian statistical theory. The estimation of measures of risk conveyed by each individual asset is run by econometric methods.

G65E1301	Smart Cities and Regions Smart Cities and Smart Regions study introduces students to the interdisciplinary issue Smart Cities, preparing concept SC and its planning and indicators.	Z,ZK	6
G65E2301	Regional Development and Planning The goal is to understand the reason, mission and specifics of regional and municipal development in the context of European Union as well as Czech Republic, and of planning as a tool of development. Students should know the core European concepts of regional and municipal development. A particular attention will be paid to the Middle-European planning culture and planning system, which is rooted in the mutual interactions between spatial, urban, strategic and environmental planning. Students should perceive development from the perspectives of different stakeholders and professions, and understand the need of cooperation, participation and democracy in practice.	Z,ZK	6
G65E3101	City Competitiveness In the contemporary globalizing world cities increasingly find themselves in a competitive environment. The development of one settlement is often possible at the expense of the declination of another. The aim of the course is to acquaint students with current problems of the contemporary city and with basic strategies to solve them. Relevant case studies from practice will be used as part of the course teaching.	ZK	3
G65E4101	European Union and Regional Policy The course discusses developments in the EU and in the EU Regional Policy from the end of the Cold War until today. It focuses on relevant issues of the integration process. It is based on lectures, class discussions and presentations of various positions present in the debates (group projects / own positions). The objectives of the course are to explain a modern development of the EU, analyse key points in particular areas of integration and practise argumentation skills.	ZK	3
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
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
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
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
U16E0101	Corporate Social Responsibility The subject deals with corporate social responsibility (CSR). The CSR concept builds on the principle 3P: people-planet-profit. The course focuses on an explanation of the theoretical background of this concept, the interpretation of documents regulating corporate social, economic and environmental activities, and non-financial reporting standards. It includes a link between the CSR concept with corporate processes, especially business strategy, HRM, marketing, and PR. Illustrations of various CSR strategies and practices cover case studies of projects designed abroad, and in Czech conditions.	Z,ZK	6
U16E0102	Cross-cultural Management Managing cultural diversity is crucial in today's globalized world and doing business across countries. Cross culture is the interaction of people from different backgrounds in the business world. Knowledge of cross-cultural differences and their practical use increases the efficiency of interaction between representatives of different national cultures and could be considered one of the core competencies of a successful manager in the global environment. The course is open to students of all majors looking for deeper knowledge about how culture shapes management practices in international companies as well as the cultural orientations of individual managers and organization members.	Z,ZK	6
U16E0501	Talent Management The course is aimed at practical application of knowledge and basic skills of Talent Management as well as the development of personal competencies of each student in order to improve individual self-presentation and to succeed during the Recruiting Process and Employee / Employer Selection process.	Z,ZK	6
U88E0101	Current Issues in Business from a V4 Perspective The course, organized in five full-day lectures involving an international group of guest lecturers and supported by the Visegrad Funds, will take a multidisciplinary approach, introducing and developing particular advanced topics relevant for business. This will be addressed from a Central-European view-point, providing students with international as well as regional-specific insights.	KZ	6

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

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