Study plan

Name of study plan: N-PRI-CP prezen ní navazující studium od 20/21 Project Management

Faculty/Institute/Others: Department: Branch of study guaranteed by the department: Welcome page Garantor of the study branch: Program of study: Innovation Project Management Type of study: Follow-up master full-time Required credits: 120 Elective courses credits: 0 Sum of credits in the plan: 120 Note on the plan:

Name of the block: Compulsory courses Minimal number of credits of the block: 81 The role of the block: Z

Code of the group: N-PRI-CP 3S OD 20/21 Name of the group: N-PRI-CP 3. semestr od 20/21 povinné p edm ty Requirement credits in the group: In this group you have to gain 21 credits Requirement courses in the group: In this group you have to complete 4 courses Credits in the group: 21

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
G63C3201	Petr Makovský Petr Makovský Petr Makovský (Gar.)	ZK	3	2P+0C	Z	Z
G16C3103		Z,ZK	6	2P+2C		Z
G16C3102	Innovation Management and Innovation Project	Z,ZK	6	2P+2C		Z
G16C3101		Z,ZK	6	2P+2C	Z	Z

Characteristics of the courses of this group of Study Plan: Code=N-PRI-CP 3S OD 20/21 Name=N-PRI-CP 3. semestr od 20/21 povinné p edm ty

	ZK	3				
	Z,ZK	6				
Innovation Management and Innovation Project	Z,ZK	6				
prerequisites and barriers to innovation, sources of innovation, strategic considerations of innovation, process innovation, proc	duct innovation, se	rvice innovation,				
	systematic-analyti	cal methods and				
techniques of innovation, economic aspects of innovation, intellectual property of innovation and legal aspects.						
	Z,ZK	6				
	prerequisites and barriers to innovation, sources of innovation, strategic considerations of innovation, process innovation, proc of the role of innovation, organizational support and management of innovation, soft methods and techniques of innovation, s	Z,ZK Innovation Management and Innovation Project Z,ZK prerequisites and barriers to innovation, sources of innovation, strategic considerations of innovation, process innovation, product innovation, se Z,ZK of the role of innovation, organizational support and management of innovation, soft methods and techniques of innovation, systematic-analytic, economic aspects of innovation, intellectual property of innovation and legal aspects. Innovation				

Code of the group: CP 4S 20/21 POV

Name of the group: Povinné p edm ty, prezen ní forma, 4. semestr, 20/21 Requirement credits in the group: In this group you have to gain 18 credits Requirement courses in the group: In this group you have to complete 2 courses Credits in the group: 18

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
G00C4102	Diploma Thesis	Z	12			Z
G63C4401	Information System Design	Z,ZK	6	2P+2C		Z

Characteristics of the courses of this group of Study Plan: Code=CP 4S 20/21 POV Name=Povinné p edm ty, prezen ní forma, 4. semestr, 20/21

G00C4102	Diploma Thesis	Z	12				
G63C4401	Information System Design	Z,ZK	6				
Fundamental terms, info	prmation systems architecture, basic types of software applications for information system of enterprise, information system li	ecycle, approach	es 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							

Code of the group: PROJM CP 1S20/21 POV

Name of the group: PRI CP navazující studium specializace Project Management 1. semestr povinné p edm ty 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 4 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
G16E1401	Marketing Innovations	Z,ZK	6	2P+2C	Z	Z
G16C1401	Innovation Marketing	Z,ZK	6	2P+2C		Z
G16C1201	Project Management	Z,ZK	6	2P+2C		Z
G63C1301	Corporate Financial Management	Z,ZK	6	2P+2C		Z
G63C1102	Statistical Analysis	Z,ZK	6	2P+2C		Z

Characteristics of the courses of this group of Study Plan: Code=PROJM CP 1S20/21 POV Name=PRI CP navazující studium specializace Project Management 1. semestr povinné p edm ty

G16E1401	Marketing Innovations	Z,ZK	6
The primary role of inne	vation in marketing is to gain new customers, improve goodwill, increase sales and profitability of the company. At the begin	ning of the innova	tion process,
innovative marketing sh	hould help identify new market opportunities and risks and improve the research of customer needs. During developing a new	v product, innovatio	on marketing is
to ensure the constant	involvement of customers and users in this process. And at the end of the innovation process, innovation marketing ensures	the successful intr	oduction of a
new product, technolog	y, and service to the target audience. Innovation marketing should therefore be present at all stages of the innovation proces	s to ensure that cu	ustomer and
	line with advances in products and technologies, which often lead to the application of new marketing approaches. We addre	ess these main as	pects in this
subject.			
G16C1401	Innovation Marketing	Z,ZK	6
G16C1201	Project Management	Z,ZK	6
G63C1301	Corporate Financial Management	Z,ZK	6
The course provides a c	comprehensive view of building the essential aspects of financial management of business processes and projects. Students I	nave the opportuni	ty to understand
the main concepts, tool	s and methods of financial management of processes and projects and their use in decision-making practice. Substantial em	phasis is placed o	on evaluating the
financial performance of	f the company, evaluation and valuation of tangible and financial investment projects, working capital management, methods	of financing the c	ompany, project
financing, methods of fi	nancial planning and forecasting, and valuation techniques.		
G63C1102	Statistical Analysis	Z,ZK	6
The course builds on th	e introductory courses of statistics and prefaces slightly advanced statistical analysis methods.		

Code of the group: PROJM CP 2S 20/21POV Name of the group: 2.semestr od 20/21 povinné p edm ty Project management Requirement credits in the group: In this group you have to gain 18 credits Requirement courses in the group: In this group you have to complete 5 courses Credits in the group: 18

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
G63C2301	Controlling	Z,ZK	6	2P+2C	L	Z
G63C2302	Financial Law	ZK	3	2P+0C		Z
G63C2201	Microeconomic Theory Petr Makovský	ZK	3	2P+0C	*	Z
G00C3101	Diploma Thesis Project	Z	0	1P+0C		Z
G16C2501	HR Management Systems	Z,ZK	6	2P+2C		Z

Characteristics of the courses of this group of Study Plan: Code=PROJM CP 2S 20/21POV Name=2.semestr od 20/21 povinné p edm ty Project management

G63C2301	Controlling	Z.ZK	6
	presented from the initial detection of deviations to advanced models of managerial decision support in strategic horizons in	,	-
background of the mana are systematically expla phases of management	gement of basic business processes with an emphasis on the processes determining the effect of added value in the company ined according to the time perspective in the scope of corporate strategies and operational management, including the role from analysis to reporting. The content of the course is also focused on the presentation of methods and management tools	s activities. The ta of the controller ir that can be used	sks of controlling the individual to manage
	entities) in mutual interaction, especially in the area of cost management. Examples of models and case studies and tasks are	used to present t	he key principles
of controlling in the corr	ipany.		
G63C2302	Financial Law	ZK	3
G63C2201	Microeconomic Theory	ZK	3
The course introduces t	he analysis of the theory of consumer, the theory of firm, and the market interactions of consumers and firms.		
G00C3101	Diploma Thesis Project	Z	0
G16C2501	HR Management Systems	Z,ZK	6
	n the development of managerial skills in managing people in the organization. Through lectures and seminars, students will nt people management in the organization and the main tasks of managers in various activities of people management in the		ategies, policies

Name of the block: Compulsory courses in the specialization Minimal number of credits of the block: 12 The role of the block: PS

Code of the group: PROJM CP 4S 20/21 SP

Name of the group: Specializa ní p edm ty, prezen ní forma,4.semestr, 20/21, Project management Requirement credits in the group: In this group you have to gain 3 credits

Requirement courses in the group: In this group you have to complete 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) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
G16E0501	Social Competences in Project and Process Management	Z	3	0P+2C		PS

Characteristics of the courses of this group of Study Plan: Code=PROJM CP 4S 20/21 SP Name=Specializa ní p edm ty, prezen ní forma,4.semestr, 20/21, Project management

G16E0501	Social Competences in Project and Process Management	Z	3	

Code of the group: PROJM CP 2S 20/21

Name of the group: 2.semestr od 20/21 p edm ty specializace Project management

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:

	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
G16E2201	Modern Approaches in Project Management	Z,ZK	6	2P+2C	L	PS

Characteristics of the courses of this group of Study Plan: Code=PROJM CP 2S 20/21 Name=2.semestr od 20/21 p edm ty specializace Project management

G16E2201	Modern Approaches in Project Management	Z,ZK	6

Code of the group: PROJM CP 3S 20/21 SP

Name of the group: 3. semestr p edm ty specializace, Project management CP 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:

	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
G16E0201	Agile BootCamp	ΚZ	3	0P+2C		PS

G16E0202	Project Technology Management	Z,ZK	6	2P+2C		PS
Characteristics of the Project management	e courses of this group of Study Plan: Code=PROJM CP 3S 20/	21 SP Name=	=3. seme	str p edr	n ty specia	alizace,
	ile BootCamp				KZ	3
Agile Bootcamp course teac	hes students the fundamentals of Design Thinking and other agile innovation principles			methods th	at work well tog	
	am: Design Thinking, Lean Startup and Agile across teams. In the main part, it will off a practical test of the entire process. Teaching mode: completely online or hybrid, at a				esign and impl	ementation
	piect Technology Management		it during the		Z,ZK	6
Technology project manager	nent means not only decisions about one's own technological research, innovative coop		0,	r. Technolog	ical innovation	
	up company resources, and poor decisions can pose significant financial problems for m arcial activities of technology management in a more comprehensive form. Technology					
•	ure and budget. After completing the course, students should answer the following frar			•		
	nent with a focus on the analysis of technological trends, risks, and opportunities, inno				-	-
-	the development of the product, production, and service technologies. Characterize th ompany. Explain creating a project plan for implementing new technology. Clarify the ir		-		-	
property and the need to co	mmercialize their own technologies at the level of industry, region, or state.	·				
Name of the bloc	k: Povinná pladmi tv zamilaní					
	k: Povinné p edm ty zam ení of credits of the block: 6					
The role of the bl	OCK: PZ					
Code of the arou	p: PROJM CP 1S 20/21 SP					
-	ip: PRI CP navazující studium specializace Projec	t Managen	nent 1	semes	tr n edm	tv
•	dits in the group: In this group you have to gain 6 c	•	ion i.	301103	u p cum	ty
•	irses in the group: In this group you have to gain of		20			
Credits in the gro			50			
Note on the grou	•					
Note on the grou	P. Name of the course / Name of the group of courses	1			1	
Code	(in case of groups of courses the list of codes of their	Completion	Credits	Scone	Semester	Role
oode	members)	completion	orcans	ocope	Concore	Noie
G16E1201	Tutors, authors and guarantors (gar.) Standards of Project Management	Z,ZK	6	2P+2C		PZ
01021201		,(0	2 20		
Characteristics of the Project Management	courses of this group of Study Plan: Code=PROJM CP 1S 20/21 1. semestr p edm ty	SP Name=P	RI CP nav	vazující s	tudium spo	ecializac
	andards of Project Management	<i>a</i> . <i>a</i>			Z,ZK	6
The subject acquaints stude professional examinations.	nts with good experience in the field of standards of project management After comple	eting the course, s	students will	be prepare	d to pass the ir	iternational
Name of the bloc	k: Compulsory elective courses					
Minimal number	of credits of the block: 21					
The role of the bl	ock: PV					
Code of the grou	p: PROJM PVP 20/21					
•	Ip: Povinn volitelné p edm ty Project managemei		1			
Requirement cre	dits in the group: In this group you have to gain 12	credits				
Requirement cou	irses in the group: In this group you have to comple	ete at least	t 2 cou	rses (a	at most 4	1)
Credits in the gro	oup: 12					
Note on the grou	p:					
	Name of the course / Name of the group of courses					
Code	(in case of groups of courses the list of codes of their members)	Completion	Credits	Scope	Semester	Role
	Tutors, authors and guarantors (gar.)					
G16E0201	Agile BootCamp	KZ	3	0P+2C		PV
G16C0101	Balanced Scorecard	Z,ZK	6	2P+2C	Z,L	PV
G04E0201	English for Intercultural Communication	Z,ZK	6	0P+4C	Z,L	PV
G65E4101		ZK	L 0		1	
	European Union and Regional Policy		3	2P+0C		PV
G04E0203	European Union and Regional Policy Global Virtual Teams	Z,ZK	3 6	2P+0C 0P+4C	Z,L	PV PV
G04E0203 G63E0202			-		Z,L	

G04E0202	Meetings and Negotiations in English	Z,ZK	6	0P+4C	L	PV
G66C0101	Reflections of Technical Innovations in Culture	ZK	3	2P+0C	L	PV
G16C0301	Lean Management Practice	ZK	3	0P+2C		PV
G16E0203	Project Innovation Management	Z,ZK	6	2P+2C		PV
G16E0202	Project Technology Management	Z,ZK	6	2P+2C		PV
G16C1302		Z,ZK	6	2P+2C		PV
G65C0103		Z,ZK	3	1P+1C		PV
G16C0104	Solving Real World Problems	ZK	3	0P+2C		PV
G16E0501	Social Competences in Project and Process Management	Z	3	0P+2C		PV
G16E0401	Strategies of Entering New Markets	Z,ZK	3	1P+1C		PV
G65C0201	Territorial Management Planning	ZK	3	2P+0C		PV

Characteristics of the courses of this group of Study Plan: Code=PROJM PVP 20/21 Name=Povinn volitelné p edm ty Project management od 20/21

			v
G16E0501	Social Competences in Project and Process Management	Z	3
G16E0201	Agile BootCamp	KZ	3
Agile Bootcamp course	teaches students the fundamentals of Design Thinking and other agile innovation principles. The course introduces three meth	nods that work we	Il together within
the same cross-function	nal team: Design Thinking, Lean Startup and Agile across teams. In the main part, it will offer the right tools and techniques for	or the design and	implementation
of Design Sprints, inclu	ding a practical test of the entire process. Teaching mode: completely online or hybrid, at a specific time/week during the sem	ester.	
G16E0202	Project Technology Management	Z,ZK	6
Technology project mar	agement means not only decisions about one's own technological research, innovative cooperation, or technology transfer. Tec	chnological innova	ations, especially
in production, have long	tied up company resources, and poor decisions can pose significant financial problems for most companies. Therefore, it is need	essary to examine	the preparatory,
implementation, and co	mmercial activities of technology management in a more comprehensive form. Technology project management is more goal	-oriented, time-bo	ound, and has a
	tructure and budget. After completing the course, students should answer the following framework topics: define the nature, ir	-	-
	agement with a focus on the analysis of technological trends, risks, and opportunities, innovation radar, and technology asse	•	
°	nt to the development of the product, production, and service technologies. Characterize the process of technological forecas		
	he company. Explain creating a project plan for implementing new technology. Clarify the importance of the necessary protect	tion of technologi	cal intellectual
	o commercialize their own technologies at the level of industry, region, or state.		
G16C0101	Balanced Scorecard	Z,ZK	6
G04E0201	English for Intercultural Communication	Z,ZK	6
	on the importance of accuracy and comprehension in communication in a foreign language, and highlight cultural differences	-	
	juage means in intercultural negotiations. Outline of the subject: . Approaches to culture . Cultural and language context in com		
	ehaviour and language expression . International English as lingua franca . The most common mistakes as a cause of misun	derstanding . Lan	guage practice
	idies on individual topics Language level: CEFR B2		
G65E4101	European Union and Regional Policy	ZK	3
	levelopments in the EU and in the EU Regional Policy from the end of the Cold War until today. It focuses on relevant issues of		-
	s discussions and presentations of various positions present in the debates (group projects / own positions). The objectives of t	ne course are to e	xplain a modern
	analyse key points in particular areas of integration and practise argumentation skills.		
G04E0203	Global Virtual Teams	Z,ZK	6
	se is an intercultural exchange which students will conduct online in Global Virtual Teams (GVTs) with students of Business a		-
	aryk University (Czech Republic), Padeborn University (Germany) and Tampere University of Applied Sciences (Finland). Wo h as their lingua franca, students will complete tasks collaboratively and present joint results at the end of the exchange in th		
	apply analysis of cross-cultural frameworks in business context - a product, service, company or business process. Theoretica		
	appy analysis of closs-cultural nameworks in business context - a product, service, company of business process. Interference and aspects on students draw on the exchange experience and aspects	-	-
a paper.		of GVT alcoly to	write individually
G63E0202	Green Transition	Z.ZK	6
	times imagined as a technical question involving mostly energy production and industrial processes. Nonetheless, wider societ	, ,	-
	ccessful transformation. The course introduces different transition approaches focusing on such wider frameworks and stress		-
	ry, and social changes. Theoretical concepts of transformation will then be linked to current reality in specific regions (with en	-	
EU).	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
G16E0102	Managing in an International Environment	Z,ZK	3
	Implementation: knowledge transfer and possible adaptations. Strategic partnership and consequences on the cooperation.	· ·	
	and its constraints. Parent company versus locals. Managing multi-cultural teams. Remote management. Expatriation. Manage		e e
Knowing oneself and de	eveloping ones competences.		
G04E0202	Meetings and Negotiations in English	Z,ZK	6
English for Meetings an	d Negotiations is part of a series of courses for follow-up students focused on functional language. The course is intended for	· ·	per intermediate
level. The course focuse	es on a collaborative model of the English language intended for a range of business or business meetings and negotiations. A	Ithough the cours	e is not primarily
focused on confrontatio	nal negotiation and communication strategies, part of the explanation is devoted to strategies and language for preventing ar	id coping with cor	nfrontational
situations. The course is	s based on the modern, increasingly widespread model of "International English", ie international English understood as lingu	a franca. Listenin	g materials work
with recordings of nativ	e speakers of all English styles and focus on collocations and idiomatics of American and British English.		
G66C0101	Reflections of Technical Innovations in Culture	ZK	3
The subject is intended	for students of the Master's study program Project Management of Innovations. The teaching is aimed at gaining a wide range	je of knowledge f	rom the field of
innovation processes, f	or the understanding and internalization of which a deep understanding of the connections between science and culture is an	absolutely key.	
G16C0301	Lean Management Practice	ZK	3
The aim of the course is	s to apply knowledge from the field of lean management and lean manufacturing acquired during the study to solve real problem	ems from econor	nic practice.
According to the client's	s assignment, student teams solve the problem with the support of teachers who become their mentors.		

G16E0203	Project Innovation Management	Z,ZK	6
Successful innovation	n requires much more than the management of individual aspects of the innovation process within the institution; it also require	s a systemic proje	ct approach that
deals with the interac	tions between various stakeholders, their goals, objectives, markets, and organizations. Traditional innovation management usuall	y focuses on goals	and procedures
for innovation planni	ng, usually on implementation and control within the institution. Procedures are often repeated. This creates a framework that ca	an limit project tea	m members to
working only within t	ne set of rules and measures of the institution. However, most innovation projects require an individual approach so that project	team members a	re highly flexible,
innovative, and crea	ive. Each innovation project is individual and requires an individual approach. A clear strategy in the area of innovation, a suppo	ortive corporate cu	lture, a focus on
the socio-ecological	goals of innovation, constant study of trends and risks, an appropriate budget, Change- and Risk management, and adequate r	motivation for inno	vation are often
the basic prerequisit	es for an innovation project. The main goal of this course is to acquaint students with the key specifics of innovation projects, In	novation manager	nent, the
implementation and	commercialization of innovations, and related intellectual property protection. After completing the course, the student should a	nswer the following	g framework
topics: how to identit	y and manage the framework of an innovation project, create a project breakdown structure, create a project innovation plan, cr	reate a project buc	laet, define and
			.gen, e ee ee
allocate resources for	r innovation, manage project development, identify and manage innovation risks, and understand the sourcing process for the		
		project. How to ad	equately protect
	r innovation, manage project development, identify and manage innovation risks, and understand the sourcing process for the	project. How to ad	equately protect
intellectual property	r innovation, manage project development, identify and manage innovation risks, and understand the sourcing process for the	project. How to ad innovative compar	equately protect nies.
intellectual property G16C1302	r innovation, manage project development, identify and manage innovation risks, and understand the sourcing process for the	project. How to ad innovative compar Z,ZK	equately protect nies.
intellectual property G16C1302 G65C0103 G16C0104	r innovation, manage project development, identify and manage innovation risks, and understand the sourcing process for the p and how to implement and commercialise innovations. The course includes approaches, experience, and examples of the best	project. How to ad innovative compare Z,ZK Z,ZK ZK	equately protect nies. 6 3 3
intellectual property G16C1302 G65C0103 G16C0104 The aim of the course	r innovation, manage project development, identify and manage innovation risks, and understand the sourcing process for the p and how to implement and commercialise innovations. The course includes approaches, experience, and examples of the best Solving Real World Problems	project. How to ad innovative compare Z,ZK Z,ZK ZK	equately protect nies. 6 3 3
intellectual property G16C1302 G65C0103 G16C0104 The aim of the course	r innovation, manage project development, identify and manage innovation risks, and understand the sourcing process for the p and how to implement and commercialise innovations. The course includes approaches, experience, and examples of the best Solving Real World Problems e is to apply knowledge from the field of economics and management acquired during the study to solve real problems from ec	project. How to ad innovative compare Z,ZK Z,ZK ZK	equately protect nies. 6 3 3
intellectual property G16C1302 G65C0103 G16C0104 The aim of the cours client's assignment, G16E0401	r innovation, manage project development, identify and manage innovation risks, and understand the sourcing process for the p and how to implement and commercialise innovations. The course includes approaches, experience, and examples of the best Solving Real World Problems e is to apply knowledge from the field of economics and management acquired during the study to solve real problems from ec students solve the problem with the support of teachers who become their mentors.	project. How to ad innovative compar Z,ZK Z,ZK ZK onomic practice. A Z,ZK	equately protect nies. 6 3 xccording to the 3
intellectual property G16C1302 G65C0103 G16C0104 The aim of the cours client's assignment, G16E0401	r innovation, manage project development, identify and manage innovation risks, and understand the sourcing process for the p and how to implement and commercialise innovations. The course includes approaches, experience, and examples of the best Solving Real World Problems e is to apply knowledge from the field of economics and management acquired during the study to solve real problems from ec students solve the problem with the support of teachers who become their mentors. Strategies of Entering New Markets itionalize; the various entry modes; impact of international activity on the business plan; the export plan; the marketing plan; the	project. How to ad innovative compar Z,ZK Z,ZK ZK onomic practice. A Z,ZK	equately protect nies. 6 3 xccording to the 3

Code of the group: PROJM PVT 20/21

Name of the group: Povinn volitelné technické p edm ty od 20/21 Project management Requirement credits in the group: In this group you have to gain 9 credits

Requirement courses in the group: In this group you have to complete at least 2 courses (at most 3) Credits in the group: 9

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
G77E0011	Environmental Technology	ZK	3	2P+0C		PV
G77C0001	Technology Assessment	ZK	3	2P+0C	Z,L	PV
G77C0007	Communication Systems and Networks	ZK	3	2P+0C		PV
G77C0003	Transportation Engineering Projects	ZK	3	2P+0C	Z,L	PV
G77C0008	Robotics	Z,ZK	6	2P+2C		PV
G16C0601	Technology Forecasting	Z,ZK	3	1P+1C		PV
G77C0004	Smart Cities Technologies	ZK	3	2P+0C	Z,L	PV
G77C0009	Information Security Management and Implementation	ZK	3	2P+0C		PV

Characteristics of the courses of this group of Study Plan: Code=PROJM PVT 20/21 Name=Povinn volitelné technické p edm ty od 20/21 Project management

G77E0011	Environmental Technology	ZK	3
G77C0001	Technology Assessment	ZK	3
G77C0007	Communication Systems and Networks	ZK	3
Telecommunications	What does it all mean? We look into history and the future. We'll try it wired and wireless, even at the speed of light (or almost.	.), on land, unde	water, and in
space. For example:	How is electric current created? Painter Morse. Alexander, ring the bell! Telecommunications from the plane. Do you know a Tw	isted Pair? How a	landline works.
How the telephone r	etwork becomes the Internet. Light and dark. Transmission of information by light. Why are networks "mobile"? 1G, 2G, 3G, 4G,	, 5G, etc. The mor	e G, the better.
How here and how e	sewhere? Satellite systems (J. Kepler + A. C. Clarke = E. Musk). What do Saturn and Earth have in common? Does navigation	know about me?	We will walk
around akovice. Ho	w television (including Internet) works. A football match and a drastic Clash of the Titans. WiFi not working? What now Why the	Internet is not for	people but for
	w television (including Internet) works. A football match and a drastic Clash of the Titans. WiFi not working? What now Why the nistakes in the history of telco business. The subject scrupulously avoids formulas and mathematical relationships (however, it d		· ·
	istakes in the history of telco business. The subject scrupulously avoids formulas and mathematical relationships (however, it d		· ·
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List of courses of this pass:

	Name of the course	Completion	Credits
G00C3101	Diploma Thesis Project	Z	0
G00C4102	Diploma Thesis	Z	12
G04E0201	English for Intercultural Communication	Z,ZK	6
The seminar will fo	cus on the importance of accuracy and comprehension in communication in a foreign language, and highlight cultural differences inf	luencing communi	cation, and
examine the role of	language means in intercultural negotiations. Outline of the subject: . Approaches to culture . Cultural and language context in commu	inication . Intercultu	ural theories
and their influence	on behaviour and language expression . International English as lingua franca . The most common mistakes as a cause of misunder	rstanding . Langua	ge practice
00/50000	and activities . Case studies on individual topics Language level: CEFR B2		
G04E0202	Meetings and Negotiations in English	Z,ZK	6
	s and Negotiations is part of a series of courses for follow-up students focused on functional language. The course is intended for stud		
	cuses on a collaborative model of the English language intended for a range of business or business meetings and negotiations. Altho ontational negotiation and communication strategies, part of the explanation is devoted to strategies and language for preventing and		
	se is based on the modern, increasingly widespread model of "International English", ie international English understood as lingua fr		
	with recordings of native speakers of all English styles and focus on collocations and idiomatics of American and British Engl	-	
G04E0203	Global Virtual Teams	Z,ZK	6
	s course is an intercultural exchange which students will conduct online in Global Virtual Teams (GVTs) with students of Business ar		ublin City
University(Ireland)	, Masaryk University (Czech Republic), Padeborn University (Germany) and Tampere University of Applied Sciences (Finland). Work	king in culturally mi	xed virtual
-	English as their lingua franca, students will complete tasks collaboratively and present joint results at the end of the exchange in the		
-	will apply analysis of cross-cultural frameworks in business context - a product, service, company or business process. Theoretical in		
ne basis of class se	essions and feeds into students' GVT projects. In the final part of the course, students draw on the exchange experience and aspects of	VI theory to write	eindividually
C16C0404	a paper.	7 71/	6
G16C0101	Balanced Scorecard	Z,ZK	6
G16C0104	Solving Real World Problems	ZK	3
me aim of the cour	rse is to apply knowledge from the field of economics and management acquired during the study to solve real problems from econo client's assignment, students solve the problem with the support of teachers who become their mentors.	mic practice. Acco	raing to the
G16C0301	Lean Management Practice	ZK	3
	urse is to apply knowledge from the field of lean management and lean manufacturing acquired during the study to solve real proble		-
	According to the client's assignment, student teams solve the problem with the support of teachers who become their mento		practice.
G16C0601	Technology Forecasting	Z,ZK	3
G16C1201	Project Management	Z,ZK	6
G16C1302		Z,ZK Z,ZK	6
G16C1302 G16C1401	Innerration Monkating		6
	Innovation Marketing	Z,ZK Z,ZK	6
G16C2501	HR Management Systems ed on the development of managerial skills in managing people in the organization. Through lectures and seminars, students will lea	· ·	-
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the socio-ecological goals of innovation, constant study of trends and risks, an appropriate budget, Change- and Risk management, and adequate motivation for innovation are often the basic prerequisites for an innovation project. The main goal of this course is to acquaint students with the key specifics of innovation projects, Innovation management, the implementation and commercialization of innovations, and related intellectual property protection. After completing the course, the student should answer the following framework topics: how to identify and manage the framework of an innovation project, create a project breakdown structure, create a project innovation plan, create a project budget, define and allocate resources for innovation, manage project development, identify and manage innovation risks, and understand the sourcing process for the project. How to adequately protect intellectual property and how to implement and commercialise innovations. The course includes approaches, experience, and examples of the best innovative companies.

intellectual pi	operty and how to implement and commercialise innovations. The course includes approaches, experience, and examples of the best	t innovative compa	anies.
G16E0401	Strategies of Entering New Markets	Z,ZK	3
The choice to inte	rnationalize; the various entry modes; impact of international activity on the business plan; the export plan; the marketing plan; the in	plementation; rela	tions with
	partners; follow up and the results.		
G16E0501	Social Competences in Project and Process Management	Z	3
		Z,ZK	6
G16E1201	Standards of Project Management		-
The subject acqua	ints students with good experience in the field of standards of project management After completing the course, students will be prep	ared to pass the in	iternational
	professional examinations.	r	
G16E1401	Marketing Innovations	Z,ZK	6
	of innovation in marketing is to gain new customers, improve goodwill, increase sales and profitability of the company. At the beginnir		
innovative marketing	ng should help identify new market opportunities and risks and improve the research of customer needs. During developing a new pro	oduct, innovation m	narketing is
to ensure the con	stant involvement of customers and users in this process. And at the end of the innovation process, innovation marketing ensures the	successful introdu	uction of a
new product, tech	nnology, and service to the target audience. Innovation marketing should therefore be present at all stages of the innovation process I	o ensure that cust	omer and
market orientatio	n is in line with advances in products and technologies, which often lead to the application of new marketing approaches. We address	s these main aspe	cts in this
	subject.		
G16E2201	Modern Approaches in Project Management	Z,ZK	6
		Z,ZK	6
G63C1102	Statistical Analysis	Z,ZR	0
	The course builds on the introductory courses of statistics and prefaces slightly advanced statistical analysis methods.		
G63C1301	Corporate Financial Management	Z,ZK	6
The course provide	s a comprehensive view of building the essential aspects of financial management of business processes and projects. Students have	the opportunity to	understand
the main concepts,	tools and methods of financial management of processes and projects and their use in decision-making practice. Substantial empha-	sis is placed on eva	aluating the
financial performar	nce of the company, evaluation and valuation of tangible and financial investment projects, working capital management, methods of f	inancing the compa	any, project
	financing, methods of financial planning and forecasting, and valuation techniques.		
G63C2201	Microeconomic Theory	ZK	3
00001101	The course introduces the analysis of the theory of consumer, the theory of firm, and the market interactions of consumers and	1	Ũ
G63C2301	Controlling	Z,ZK	6
	0		-
	ods are presented from the initial detection of deviations to advanced models of managerial decision support in strategic horizons in		
	nanagement of basic business processes with an emphasis on the processes determining the effect of added value in the company's ac		
	explained according to the time perspective in the scope of corporate strategies and operational management, including the role of t		
	gement from analysis to reporting. The content of the course is also focused on the presentation of methods and management tools t		-
individual compone	nts (entities) in mutual interaction, especially in the area of cost management. Examples of models and case studies and tasks are use	d to present the ke	ey principles
	of controlling in the company.		
G63C2302	Financial Law	ZK	3
G63C3201		ZK	3
G63C4401	Information System Design	Z,ZK	6
	s, information systems architecture, basic types of software applications for information system of enterprise, information system lifecy	·	-
	r, management information systems, web audit, business process modeling using BPMN, UML and others, information system mode		
system development		and dat	ta modeling
00050000	using ER diagrams		
G63E0202	Green Transition	Z,ZK	6
Green transition is s	sometimes imagined as a technical question involving mostly energy production and industrial processes. Nonetheless, wider societal, e	conomic and politic	cal contexts
are indispensable t	o successful transformation. The course introduces different transition approaches focusing on such wider frameworks and stressing	the interconnection	ns between
politics, markets, i	ndustry, and social changes. Theoretical concepts of transformation will then be linked to current reality in specific regions (with empt	asis on but not lim	nited to the
	EU).		
G65C0103		Z,ZK	3
G65C0201	Territorial Management Planning	ZK	3
G65E4101	European Union and Regional Policy	ZK	3
	isses 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		
based on lectures,	class discussions and presentations of various positions present in the debates (group projects / own positions). The objectives of the c	ourse are to explai	in a modern
	development of the EU, analyse key points in particular areas of integration and practise argumentation skills.		
G66C0101	Reflections of Technical Innovations in Culture	ZK	3
The subject is inte	nded for students of the Master's study program Project Management of Innovations. The teaching is aimed at gaining a wide range	of knowledge from	the field of
innovation	processes, for the understanding and internalization of which a deep understanding of the connections between science and culture	is an absolutely k	ey.
G77C0001	Technology Assessment	ZK	3
	Transportation Engineering Projects		
G77C0003		ZK	3
G77C0004	Smart Cities Technologies	ZK	3
The subject Techn	ology for Smart Cities introduces students to the interdisciplinary problematics of smart cities and places it in the context of the techn	ological, social and	d economic
	development of society.		
G77C0007	Communication Systems and Networks	ZK	3
	ons: What does it all mean? We look into history and the future. We'll try it wired and wireless, even at the speed of light (or almost),	1	
	e: How is electric current created? Painter Morse. Alexander, ring the bell! Telecommunications from the plane. Do you know a Twister		
	e network becomes the Internet. Light and dark. Transmission of information by light. Why are networks "mobile"? 1G, 2G, 3G, 4G, 5G		
	w elsewhere? Satellite systems (J. Kepler + A. C. Clarke = E. Musk). What do Saturn and Earth have in common? Does navigation kr		
	How television (including Internet) works. A football match and a drastic Clash of the Titans. WiFi not working? What now Why the Int		
	t mistakes in the history of telco business. The subject scrupulously avoids formulas and mathematical relationships (however, it does	-	-
annys. The bigges	keywords are principles and clarity.	, not anways succe	
07700000			^
G77C0008	Robotics	Z,ZK	6

G77C0009	Information Security Management and Implementation	ZK	3
G77E0011	Environmental Technology	ZK	3

For updated information see <u>http://bilakniha.cvut.cz/en/FF.html</u> Generated: day 2025-07-31, time 10:35.