Recomended pass through the study plan

Name of the pass: Master Part-Time PL from 2023/24

Faculty/Institute/Others:

Department:

Pass through the study plan: Master Part-Time PL from 2023/24 Branch of study guranteed by the department: Welcome page

Guarantor of the study branch:

Program of study: Air Traffic Control and Management

Type of study: Follow-up master combined

Note on the pass:

Coding of roles of courses and groups of courses:

P - compulsory courses of the program, PO - compulsory courses of the branch, Z - compulsory courses, S - compulsory elective courses, PV - compulsory elective courses, F - elective specialized courses, V - elective courses, T - physical training courses

Coding of ways of completion of courses (KZ/Z/ZK) and coding of semesters (Z/L):

KZ - graded assesment, Z - assesment, ZK - examination, L - summer semester, Z - winter semester

Number of semester: 1

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
11APAS	Applied Statistics Evženie Uglickich, Pavla Pecherková Pavla Pecherková	Z,ZK	4	2P+2C+12B	Z	Z
21BILD	Safety Engineering in Aviation Natalia Guskova, Kate ina Grötschelová, Andrej Lališ Andrej Lališ	Z,ZK	4	2P+2C+12B	Z	Z
21CNSS	CNS Systems Stanislav Pleninger, Jakub Steiner Stanislav Pleninger	Z,ZK	5	3P+2C+16B	Z	Z
15J2A1	Language - English 1 Jitka He manová, Dana Boušová, Lenka Monková, Peter Morpuss, Markéta Vojanová, Marie Michlová, Markéta Musilová, Jan Feit, Eva Rezlerová	Z	2	0P+2C+10B	Z	Z
21LETS	Airport Jakub Kraus, Petr Líka , Sébastien Lán, Petr Had, Ji í Volt, Slobodan Stoji Slobodan Stoji	Z,ZK	4	1P+2C+12B	Z	Z
11MMJ	Mathematical Models and their Applications Evženie Uglickich, Pavla Pecherková, Ivan Nagy, Michal Matowicki, Natálie Blahitka Pavla Pecherková Evženie Uglickich (Gar.)	Z,ZK	4	2P+2C+12B	Z	Z
21PEKL	Principles and Models in Air Transport Economics Peter Vittek Peter Vittek	Z,ZK	5	4P+2C+16B	Z	Z
		Min. cours.				
VALDI 4 4 00/00	Projekty nav. 14.sem (od) 22/23 programu PL (PRE i KOMBI)	4	Min/Max			
XN PL 1-4 22/23	11XN1,12XN1, (see the list of groups below)	Max. cours.	8/8			ZP
		4				

Number of semester: 2

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
21AFM	Air Traffic Management Terézia Pilmannová Jakub Kraus Jakub Kraus (Gar.)	Z,ZK	5	3P+2C+16B	L	Z
15JBA2	Language - English 2 Jitka He manová, Dana Boušová, Lenka Monková, Peter Morpuss, Markéta Vojanová, Marie Michlová, Markéta Musilová, Jan Feit, Eva Rezlerová,	Z	2	0P+2C+10B	L	Z
21MULD	Managerial Challenges in Air Transport Peter Vittek Peter Vittek (Gar.)	Z,ZK	5	3P+2C+14B	L	Z
21PAM1	Programming and Modelling 1 Lenka Hanáková, Vladimír Socha Vladimí	KZ	5	2P+4C+16B	L	Z
21PLET	Airport Operations Sébastien Lán, Petr Had, Ji í Volt Slobodan Stoji Slobodan Stoji (Gar.)	Z,ZK	5	2P+2C+12B	L	ZP
21SPOL	Aircraft Technology Reliability Natalia Guskova, Kate ina Grötschelová, Old ich Štumbauer Andrej Lališ (Gar.)	Z,ZK	4	2P+1C+12B	L	Z
XN PL 1-4 22/23	Projekty nav. 14.sem (od) 22/23 programu PL (PRE i KOMBI) 11XN1,12XN1, (see the list of groups below)	Min. cours.	Min/Max 8/8			ZP

		Max. cours.			
Y2-NKPL 23/24	PVP nav.kombi program PL 23/24 21Y2BS,21Y2CR, (see the list of groups below)	Min. cours. 4 Max. cours. 4	Min/Max 8/8		PV

Number of semester: 3

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
15JBA3	Language - English 3 Jitka He manová, Dana Boušová, Lenka Monková, Peter Morpuss, Markéta Vojanová, Marie Michlová, Markéta Musilová, Jan Feit, Eva Rezlerová,	Z	2	0P+2C+10B	Z	Z
21LIA1	Aviation Engineering English 1 Jitka He manová, Dana Boušová Jitka He manová	Z	3	0P+2C+8B	Z	Z
11MMOA	Mathematical methods for data analysis Evženie Uglickich, Pavla Pecherková Pavla Pecherková Evženie Uglickich (Gar.)	Z,ZK	4	2P+2C+12B	Z	Z
21NSR	Navigation and Flight Control Systems Milan Kameník, Jakub Hospodka, Ladislav Capoušek, Jakub Trýb Jakub Hospodka	Z,ZK	5	3P+2C+14B	Z	Z
21PAM2	Programming and Modelling 2 Lenka Hanáková, Vladimír Socha Vladimír Socha	KZ	5	2P+4C+16B	Z	Z
21PLDC	Air Carrier Operations Miloš Strouhal Miloš Strouhal	Z,ZK	5	3P+2C+16B	Z	ZP
21XNL1	Thesis seminar 1 Lenka Hanáková, Vladimír Socha Vladimír Socha	Z	2	0P+1C+4B	Z	Z
XN PL 1-4 22/23	Projekty nav. 14.sem (od) 22/23 programu PL (PRE i KOMBI) 11XN1,12XN1, (see the list of groups below)	Min. cours. 4 Max. cours.	Min/Max 8/8			ZP
Y2-NKPL 23/24	PVP nav.kombi program PL 23/24 21Y2BS,21Y2CR, (see the list of groups below)	Min. cours. 4 Max. cours. 4	Min/Max 8/8			PV

Number of semester: 4

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
21ELEG	European Aviation Legislation Radoslav Zozu ák Peter Vittek (Gar.)	ZK	3	2P+0C+8B	L	Z
15JBA4	Language - English 4 Jitka He manová, Lenka Monková, Peter Morpuss, Markéta Vojanová, Marie Michlová, Markéta Musilová, Jan Feit, Eva Rezlerová, Barbora Horá ková	ZK	2	0P+2C+10B	L	Z
21KST	Space Technology Jakub Hospodka, Jakub Trýb Jakub Hospodka (Gar.)	ZK	3	2P+0C+10B	L	Z
21LIA2	Aviation Engineering English 2 Jitka He manová	KZ	3	0P+2C+8B	L L	Z
21LPZP	Air Traffic and the Environment Peter Vittek Lud k Be o (Gar.)	ZK	3	3P+0C+8B	L	Z
21NTLE	New Trends in Aviation Technologies Peter Vittek Peter Vittek Peter Vittek (Gar.)	KZ	3	3P+0C+8B	L	Z
14PROM	Process Modeling Marek Kalika Marek Kalika Marek Kalika (Gar.)	KZ	2	2P+0C+8B	L	Z
21XNL2	Thesis Seminar 2 Lenka Hanáková, Vladimír Socha, Marta Urbanová Vladimír Socha Vladimír Socha (Gar.)	Z	2	0P+2C+6B	L	ZP
21SYMS	System Thinking Jakub Kraus Jakub Kraus (Gar.)	ZK	3	2P+0C+8B	L	Z
XN PL 1-4 22/23	Projekty nav. 14.sem (od) 22/23 programu PL (PRE i KOMBI) 11XN1,12XN1, (see the list of groups below)	Min. cours. 4 Max. cours.	Min/Max 8/8			ZP

		4			
		Min. cours.			
Y2-NKPL 23/24	PVP nav.kombi program PL 23/24 21Y2BS,21Y2CR, (see the list of groups below)	4 Max. cours.	Min/Max 8/8		PV
		4			

List of groups of courses of this pass with the complete content of members of individual groups

Kód		Name of the group group (for specifical	of courses an	nd codes of members of this or below the list of courses)	Com	pletion	Credit	s Scope	Semester	Role
XN PL	1-4 22/23	Projekty nav. 14.se	em (od) 22/23	programu PL (PRE i KOMBI)		cours. 4 . cours. 4	Min/Ma 8/8	ax		ZP
11XN1	Master Pro	lect 1	12XN1	Master Project 1		14XN1	<u> </u>	 Master Projec		
15XN1	Master Pro	<u> </u>	16XN1	Master Project 1		17XN1		Master Projec		
18XN1	Master Pro	<u> </u>	20XN1	Master Project 1		21XN1		Master Projec		
22XN1	Master Pro	<u> </u>	23XN1	Master Project 1		11XN2		Master Projec		
12XN2	Master Pro	,	14XN2	Master Project 2		15XN2		Master Projec		
16XN2	Master Pro	pject 2	17XN2	Master Project 2		18XN2		Master Projec	t 2	
20XN2	Master Pro	pject 2	21XN2	Master Project 2		22XN2		Master Project 2		
23XN2	Master Pro	pject 2	11XN3L	Master Project 3		12XN3L		Master Project 3		
14XN3L	Master Pro	pject 3	15XN3L	Master Project 3		16XN3L		Master Project 3		
17XN3L	Master Pro	pject 3	18XN3L	Master Project 3		20XN3L		Master Projec	3	
21XN3L	Master Pro	pject 3	22XN3L	Master Project 3		23XN3L		Master Projec	t 3	
11XN4L	Master Pro	oject 4	12XN4L	Master Project 4		14XN4L		Master Projec	t 4	
15XN4L	Master Pro	oject 4	16XN4L	Master Project 4		17XN4L		Master Projec	t 4	
18XN4L	Master Pro	oject 4	20XN4L	Master Project 4		21XN4L		Master Projec	t 4	
22XN4L	Master Pro	oject 4	23XN4L	Master Project 4						
	'		'		Min.	cours.				
Y2-NK	PL 23/24	PVP r	nav.kombi pro	gram PL 23/24	Max	4 . cours.	Min/Ma 8/8	ax		PV
						4				
21Y2BS	Unmanned	d aircraft systems 2	21Y2CR	CRM		21Y2FM	1	Aviation Comp	pany Financial	Manag
21Y2MQ	Quality Ma	nagement	21Y2MK	Marketing of Air Transport		22Y2MN		Methods and Procedures of Aircra		Aircra
21Y2MC	CNS Syste	ems Modelling	21Y2PP	Law and Operation in Air Transpo .		21Y2UL		Aircraft Mainte	enance	
14Y2UI	Artificial In	telligence		'		•				

List of courses of this pass:

Code	Name of the course	Completion	Credits
11APAS	Applied Statistics	Z,ZK	4
Descriptive statistic	s, data preprocessing, discretize continuous data. Hypothesis testing - continuous and discrete variables. Regression and correlation	analysis. Multivarial	ble methods
 multiple regress 	ion analysis, logistic regression analysis, ROC curve, MANOVA, PCA, Factor analysis. Power analysis, preparation, processing and	evaluation of hte ex	kperiment.
11MMJ	Mathematical Models and their Applications	Z,ZK	4
System. Regressi	on, discrete and logistic models. Bayesian estimation of model parameters. Parameter estimation of normal regression, discrete and	logistic models. Cla	assification
with logistic model	. One-step and multi-step prediction with regression and discrete models. State model. State estimation. Kalman filter. Control with re	gression and discr	ete models.
11MMOA	Mathematical methods for data analysis	Z,ZK	4
Stocastic	modelling, estimation, prediction, filtration, control, methods of data analysis - k-means, DBSCAN, naive Bayes, decision trees, sup	port vector machin	e.
11XN1	Master Project 1	Z	2
11XN2	Master Project 2	Z	2
11XN3L	Master Project 3	Z	2
11XN4L	Master Project 4	Z	2
12XN1	Master Project 1	Z	2
12XN2	Master Project 2	Z	2
12XN3L	Master Project 3	Z	2
12XN4L	Master Project 4	Z	2

14PROM	Process Modeling	KZ	2
	ncess, role, KPI's, areas of interest. Process Map, definition, purpose, clear examples and demonstrations, recommendations and stan		
definition, purpos	se, procedures and tools, static and dynamic models. BPMN language, syntax and semantics, process flows. Implementation of pract optimization and evaluation.	licai examples, As-	is, io-Be,
14XN1	Master Project 1	Z	2
14XN2	Master Project 2	Z	2
14XN3L	Master Project 3	Z	2
14XN4L	Master Project 4	Z	2
14Y2UI	Artificial Intelligence	KZ	2
	story of artificial intelligence, knowledge, its representation including frames, state space search, constraints, genetic algorithms, made		
15J2A1	Language - English 1	Z	2
	resentation Skills - expert technical discourse and style; Analysis of expert texts and their production; Preparation for overseas work		
15JBA2	Language - English 2 resentation Skills - expert technical discourse and style; Analysis of expert texts and their production; Preparation for overseas work	Z	2
15JBA3	Language - English 3	Z	2
	s - expert technical discourse and style; Analysis of expert texts and their production; Preparation for overseas work engagement.Op		
	FCE, CAE.		
15JBA4	Language - English 4	ZK	2
Presentation Skill	s - expert technical discourse and style; Analysis of expert texts and their production; Preparation for overseas work engagement.Op	tional courses for d	ertificates
452014	FCE, CAE.	_	
15XN1	Master Project 1	Z	2
15XN2	Master Project 2	Z	2
15XN3L	Master Project 3	Z	2
15XN4L	Master Project 4	Z	2
16XN1 16XN2	Master Project 1 Master Project 2	Z Z	2
16XN3L	Master Project 2 Master Project 3	Z	2
16XN4L	Master Project 4	Z	2
17XN1		Z	2
17XN1 17XN2	Master Project 1	Z	
	Master Project 2		2
17XN3L	Master Project 3	Z	2
17XN4L	Master Project 4	Z	2
18XN1	Master Project 1	Z	2
18XN2	Master Project 2	Z	2
18XN3L	Master Project 3	Z	2
18XN4L	Master Project 4	Z	2
20XN1	Master Project 1	Z	2
20XN2	Master Project 2	Z	2
20XN3L	Master Project 3	Z	2
20XN4L	Master Project 4	Z	2
21AFM	Air Traffic Management	Z,ZK	5 haring ATM
_ ·	m and its functional blocks. View of ATM data (technical architecture and configuration, transmission systems and networks). Data ex g systems and technical supervision. ATM simulation. ATM conceptions and strategies for next years. EUROCONTROL - CFMU. FAB. A		-
21BILD	Safety Engineering in Aviation	Z,ZK	4
	sed on understanding the issue of safety, learning how to assess new systems in terms of safety and acquiring principles of safety ma		
	explaining accidents and incident causes and bridge their theoretical knowledge with practical problems of air transport.		
21CNSS	CNS Systems	Z,ZK	5
	Il technical informations about CNS (communication, navigation, surveilance) systems used in aviation. Systems are presented in pers		
21ELEG	European Aviation Legislation	ZK	3
	subject "European Aviation Legislation" is the legal regulation of air operation, the system and structure of the national and European the Czech national environment and their impact on national regulation with a focus on requirements and criteria of individual regulai	•	•
or Lo legar dets in	transportation.	aons on aviation tre	ansport and
21KST	Space Technology	ZK	3
	sic characteristics. Fundamentals of astrophysics. Kepler's laws. Solar system. Earth's and its atmosphere and outer space. Space to	ansport vehicles. F	Rockets and
rocket engines and	d their structure and operational characteristics. Space crafts and satellites, space flight. Orbital mechanics. Application of space tech	nologies for global	navigation
	and communication. Space exploration and piloted space flights and missions.		
21LETS	Airport	Z,ZK	4
_	ning new airports and developing existing ones. Connection of the airport to the surrounding infrastructure. Airport economics. Details		-
movement area	 S. Certification of airside movement areas and procedures according to EASA CS-ADR-DSN. Development planning - design, preparent planning - design,	adon and regulato	y vasis.
21LIA1	Aviation Engineering English 1	Z	3
	arious types of the language exercises and are focused on the following topics - EUR-Lex and European Legislation, ICAO Annexes		
Civil Av	iation Authorities, Accident investigation, Aircraft Airworthiness, Aircraft documentations and manuals, Medical certification, Emerger	ncy response plan.	
21LIA2	Aviation Engineering English 2	KZ	3
Lectures includ	e various types of the language exercises and are focused on the following topics - Aviation associations, ISAGO and IGOM, EUROC	-	Council
	uniernational international air transport association. Althort Engineering, Airline business, Euture development in civil aviati	11(1	

21LPZP	Air Traffic and the Environment	ZK	3
1110 000100 10 00	out ecology, sustainable development, ecological stability, environmental protection and environmental legislation. It also focuses on		pect to the
	environment, current issues, threats and solutions.		
21MULD	Managerial Challenges in Air Transport	Z,ZK	5
	ins a list of basic managerial tasks in aviation. The basic managerial tasks are quality assurance and operational safety, marketing of		•
implementation, a	irline network management, fleet management and revenue management. The core disciplines also include project management, coresource planning and management.	ost management	and project
21NSR	Navigation and Flight Control Systems	Z,ZK	5
211131	Navigation. Radionavigation. Satellite navigation. Flight management system. Autopilot. FMC. Practical execution of flight.	2,213	5
21NTLE	New Trends in Aviation Technologies	KZ	3
	es an introduction to all the technologies that are currently important to aviation, such as new aircraft design concepts, new types of		-
	ourse also covers new types of urban mobility, virtual reality systems, biomechanical analysis. ATM technologies are another compon		
	at smart airports, the use of blockchain, and airport simulations.		
21PAM1	Programming and Modelling 1	KZ	5
_	their generation. Real signals, sampling theorem, aliasing. Signal filtering. Fourier transform (FT), discrete Fourier transform (DFT),		
Spectrum estima	tion, spectral power density. Image - basic processing methods, 2D Fourier transform, noise filtering, edge detection, linear and non	-linear methods,	brightness
04 DA MO	transforms, geometric transforms, image compression.	1/7	
21PAM2	Programming and Modelling 2 stics, classical statistical analysis. Statistical hypothesis testing. Analysis of variance (ANOVA), one-factor, two-factor ANOVA. Non-p	KZ	5
	stics, classical statistical arraysis. Statistical hypothesis testing. Arranysis of variance (ANOVA), one-factor, two-factor ANOVA. Non-patient, correlation coefficient. Non-linear regression models, procedure for regression analysis of a non-linear model. Basics of machi		
og. 000.0 00o.	nearest neighbour method. SVM classifiers. Decision trees.		0001.01.0
21PEKL	Principles and Models in Air Transport Economics	Z,ZK	5
	s the most important and typical models on which the economics of air transport is based. It covers the principles of regulation, airline		_
ructure, analyses	airline costs, and looks in detail at the low-cost and charter airline model. It also focuses on airline alliances, air cargo, airline strategie	es and the econor	mic princip
	of safety and security.		
21PLDC	Air Carrier Operations	Z,ZK	5
	portance of air transport. Legislation. Airlines - structure, strategy. Performances in air transport. Cost structure. Fuel management. C	-	
organization) and	economics of aircraft operation. Ground handling and other services. Safety / Security / Quality and Compliance monitoring. Revenu and environment.	ie management.	Air transpo
21PLET	Airport Operations	Z,ZK	5
I	d modelling of airport processes in airside, landside and terminal buildings. Impact of infrastructure and equipment on airport capacit		_
ag, accigir a	for increasing capacity. Operational analytics, capacity and traffic load forecasting. Purpose and development of an airport master	-	ana praomo
21SPOL	Aircraft Technology Reliability	Z,ZK	4
	ition of separate attributes of reliability (no failure, vitality, maintainability, and so on) and main criterions of safety of production and wor		e engineerir
Seneral legalities a	re in the framework of tuition demonstrated on the example of calculation of reliability of integral characteristics of materials and they	are practical illu	stration of
	security in The Czech Police Aviation Department.		
21SYMS	System Thinking	ZK	3
System, its struct	ure, algorithmization, complexity, emergence, mind setting, critical thinking, teamwork, feedback and communication, goal setting, ur	ncertainties and	arguments,
	decision making under uncertainty.		
04.VN14		7	
21XN1	Master Project 1	Z	2
21XN2	Master Project 1 Master Project 2	Z	2
21XN2 21XN3L	Master Project 1 Master Project 2 Master Project 3	Z Z	2
21XN2 21XN3L 21XN4L	Master Project 1 Master Project 2 Master Project 3 Master Project 4	Z Z Z	2 2 2
21XN2 21XN3L 21XN4L 21XNL1	Master Project 1 Master Project 2 Master Project 3 Master Project 4 Thesis seminar 1	Z Z Z Z	2 2 2 2
21XN2 21XN3L 21XN4L 21XNL1 introduction, scien	Master Project 1 Master Project 2 Master Project 3 Master Project 4 Thesis seminar 1 tific publications, publications devoted to scientific writing, grey literature, difference between bachelor and master thesis. Time mana	Z Z Z Z agement. Formal	2 2 2 2 and graphi
21XN2 21XN3L 21XN4L 21XNL1 introduction, scien	Master Project 1 Master Project 2 Master Project 3 Master Project 4 Thesis seminar 1 tific publications, publications devoted to scientific writing, grey literature, difference between bachelor and master thesis. Time manaical typesetting, typography, paragraphing, transitions between paragraphs. LaTeX. Research, databases, critical work with text, digit	Z Z Z Z agement. Formal	2 2 2 2 and graphi
21XN2 21XN3L 21XN4L 21XNL1 Introduction, scient design, mathemat	Master Project 1 Master Project 2 Master Project 3 Master Project 4 Thesis seminar 1 tific publications, publications devoted to scientific writing, grey literature, difference between bachelor and master thesis. Time manaical typesetting, typography, paragraphing, transitions between paragraphs. LaTeX. Research, databases, critical work with text, digit outline. Rhetorical exercises / presentation skills.	Z Z Z Z agement. Formal al notes, working	2 2 2 2 and graphi
21XN2 21XN3L 21XN4L 21XNL1 ntroduction, sciendesign, mathemat	Master Project 1 Master Project 2 Master Project 3 Master Project 4 Thesis seminar 1 tific publications, publications devoted to scientific writing, grey literature, difference between bachelor and master thesis. Time manaical typesetting, typography, paragraphing, transitions between paragraphs. LaTeX. Research, databases, critical work with text, digit	Z Z Z Z agement. Formal al notes, working	2 2 2 2 and graphi with notes
21XN2 21XN3L 21XN4L 21XNL1 ntroduction, sciendesign, mathemat 21XNL2 Selected chapters	Master Project 1 Master Project 2 Master Project 3 Master Project 4 Thesis seminar 1 tific publications, publications devoted to scientific writing, grey literature, difference between bachelor and master thesis. Time manaical typesetting, typography, paragraphing, transitions between paragraphs. LaTeX. Research, databases, critical work with text, digit outline. Rhetorical exercises / presentation skills. Thesis Seminar 2	Z Z Z agement. Formal al notes, working Z esults. Graphic d	2 2 2 2 and graphi with notes 2 esign of the
21XN2 21XN3L 21XN4L 21XNL1 ntroduction, sciendesign, mathemat 21XNL2 Selected chapters	Master Project 1 Master Project 2 Master Project 3 Master Project 4 Thesis seminar 1 tific publications, publications devoted to scientific writing, grey literature, difference between bachelor and master thesis. Time manaical typesetting, typography, paragraphing, transitions between paragraphs. LaTeX. Research, databases, critical work with text, digit outline. Rhetorical exercises / presentation skills. Thesis Seminar 2 I from the structure. PRISMA and meta-analysis methods. Citation, citation managers. English. Statistical inference. Presentation of r	Z Z Z agement. Formal al notes, working Z esults. Graphic d	2 2 2 2 and graphi with notes 2 esign of the
21XN2 21XN3L 21XN4L 21XNL1 ntroduction, scient design, mathemate 21XNL2 Selected chapters ork, own and adoption 21Y2BS	Master Project 1 Master Project 2 Master Project 3 Master Project 4 Thesis seminar 1 tific publications, publications devoted to scientific writing, grey literature, difference between bachelor and master thesis. Time manaical typesetting, typography, paragraphing, transitions between paragraphs. LaTeX. Research, databases, critical work with text, digit outline. Rhetorical exercises / presentation skills. Thesis Seminar 2 I from the structure. PRISMA and meta-analysis methods. Citation, citation managers. English. Statistical inference. Presentation of roted graphics. Ethical principles in scientific work, publishing process, journals (impacted, open access, predatory journals). Rhetorical Specifics of state exams. Unmanned aircraft systems 2	Z Z Z agement. Formal al notes, working Z esults. Graphic d exercises / prese	2 2 2 2 and graphing with notes 2 esign of the entation ski
21XN2 21XN3L 21XN4L 21XNL1 Introduction, scient design, mathemat 21XNL2 Selected chapters ork, own and adoption and adoption and adoption trends in un	Master Project 2 Master Project 3 Master Project 4 Thesis seminar 1 tific publications, publications devoted to scientific writing, grey literature, difference between bachelor and master thesis. Time manaical typesetting, typography, paragraphing, transitions between paragraphs. LaTeX. Research, databases, critical work with text, digit outline. Rhetorical exercises / presentation skills. Thesis Seminar 2 I from the structure. PRISMA and meta-analysis methods. Citation, citation managers. English. Statistical inference. Presentation of roted graphics. Ethical principles in scientific work, publishing process, journals (impacted, open access, predatory journals). Rhetorical Specifics of state exams. Unmanned aircraft systems 2 manned aircraft development. Use of unmanned aircraft. Managerial activities related to the operation of unmanned aircraft. Flights be	Z Z Z Z agement. Formal al notes, working Z esults. Graphic d exercises / prese KZ yond the applicate	2 2 2 2 and graphing with notes 2 esign of the entation skill 2 ole legislation
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21Y2PP	Law and Operation in Air Transport	KZ	2
Development of av	iation law. International conventions on civil aviation. International organisations and including of the Czech Republic in these organis	ations. EU legisla	tion and civil
aviation. Executi	ion of state administration and state supervision in matters of civil aviation, in accordance with Act No. 49/1997 Col. Facilitation. Resp	onsibilities of air o	arriers for
	passengers, luggage and cargo. The safe transport of dangerous goods.		
21Y2UL	Aircraft Maintenance	KZ	2
Approved Maintena	ance Organisations (AMOs), Continuing Airworthiness Management Organisations (CAMOs), Maintenance Training Organisations (M	TOs), technical do	cumentation
and additional ICA	(Instructions for Continued Airworthiness) instructions, aircraft release to service procedure, maintenance programmes and schedul	ing, modifications	and general
	repair methods, aircraft centre of gravity and weights, human factors in aircraft maintenance.		
22XN1	Master Project 1	Z	2
22XN2	Master Project 2	Z	2
22XN3L	Master Project 3	Z	2
22XN4L	Master Project 4	Z	2
22Y2MN	Methods and Procedures of Aircraft Accident Investigation	KZ	2
Expanding knowle	edge of practical procedures in aircraft accident investigation. Equipment and organisation of the investigation team. Examples of airc	raft accident inves	stigations in
the	e Czech Republic and abroad and analysis of published final reports. Examples of the preparation of the final report of an air acciden	investigation.	
23XN1	Master Project 1	Z	2
23XN2	Master Project 2	Z	2
23XN3L	Master Project 3	Z	2
23XN4L	Master Project 4	Z	2

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