Recomended pass through the study plan

Name of the pass: AIPV

Faculty/Institute/Others:

Department:

Pass through the study plan: Applications of Informatics in Natural Sciences

Branch of study guranteed by the department: Welcome page

Guarantor of the study branch:

Program of study: Applications of Informatics in Natural Sciences

Type of study: Bachelor full-time Note on the pass: 2023/2024

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
818DTB1	Database 1 Josef Nový Josef Nový (Gar.)	KZ	2	2C	Z	V
818RM1	Mathematics Repetitorium 1 Linda Mrázková Linda Mrázková (Gar.)	Z	3	0P+3C	Z	V
818ZDTP	Data Processing using Spreadsheet Linda Mrázková Dana Majerová Dana Majerová (Gar.)	Z	2	0P+2C	Z	V

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
818DTB2	Database 2 Josef Nový Josef Nový (Gar.)	KZ	2	2C	L	V
818RM2	Mathematics Repetitorium 2 Pavel Eichler Pavel Eichler Pavel Eichler (Gar.)	Z	2	0P+2C	L	V
818TDM	3D modeling Jan Thiele Dana Majerová Dana Majerová (Gar.)	Z	3	1P+2C	L	V

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
804XAM1	English for Intermediate Students M1 Karolina Beauxisová	Z	2	0P+2C	Z	J
804XAP1	English for Advanced Students P1 Karolina Beauxisová	Z	2	0P+2C	Z	J
804XNM1	German for Intermediate Students M1 Sv tlana Petrová, Sv tlana Petrová Sv tlana Petrová	Z	2	0P+2C	Z	J
804XNP1	German for Advanced Students P1 Sv tlana Petrová	Z	2	0P+2C	Z	J
818NES1	Neural Networks 1 Kate ina Horaisová Kate ina Horaisová (Gar.)	Z	2	1+1	Z	V
818TV1	Physical Education 1 Dana Majerová Dana Majerová (Gar.)	Z	1	0+2	Z	V
818TVS1	Team Development of Software 1 Michal Moc Michal Moc Michal Moc (Gar.)	KZ	3	0P+3C	Z	V
818ZDVP	Data Processing in Pandas Ji í Fišer Ji í Fišer (Gar.)	Z	2	2C	Z	V

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
804XAM2	English for Intermediate Students M2 Karolina Beauxisová	Z	2	0P+2C	L	J
804XAP2	English for Advanced Students P2 Karolina Beauxisová	Z	2	0P+2C	L	J
804XNM2	German for Intermediate Students M2 Sv tlana Petrová	Z	2	0P+2C	L	J
804XNP2	German for Advanced Students P2 Sv tlana Petrová	Z	2	0P+2C	L	J
818NES2	Neural Networks 2 Kate ina Horaisová Kate ina Horaisová (Gar.)	Z	2	1+1	L	٧
818TV2	Physical Education 2 Dana Majerová Dana Majerová (Gar.)	Z	1	0+2	L	V
818TVS2	Team Development of Software 2 Michal Moc Michal Moc (Gar.)	KZ	3	0P+3C	L	V

Number of semester: 5

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
804XAM3	English for Intermediate Students M3 Karolina Beauxisová	Z	2	0P+2C	Z	J
804XAP3	English for Advanced Students P3 Karolina Beauxisová	Z	2	0P+2C	Z	J
804XNM3	German for Intermediate Students M3 Sv tlana Petrová, Sv tlana Petrová Sv tlana Petrová	Z	2	0P+2C	Z	J
804XNP3	German for Advanced Students P3 Sv tlana Petrová	Z	2	0P+2C	Z	J
804XAMZK	English for Intermediate Students Examination Karolina Beauxisová	ZK	4		Z	PV
804XAPZK	English for Advanced Students Examination Karolina Beauxisová	ZK	4		Z	PV
804XNMZK	German for Intermediate Students Examination Sv tlana Petrová, Sv tlana Petrová Sv tlana Petrová	ZK	4		Z	PV
804XNPZK	German for Advanced Students Examination Sv tlana Petrová	ZK	4		Z	PV
818NES3	Neural Networks 3 Josef Nový Josef Nový (Gar.)	Z	2	0P+2C	Z	V
818PMT	Programming for mobile phones on the J2ME platform Ji í Fišer Ji í Fišer Ji í Fišer (Gar.)	Z	3	0+3	L	٧
818TV3	Physical Education 3 Dana Majerová Dana Majerová (Gar.)	Z	1	0+2	Z	V
818TVS3	Software Team Development 3 Michal Moc Michal Moc Michal Moc (Gar.)	KZ	3	0+3	Z	٧

Number of semester: 6

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
818SVK	Student's Scientific Conference Kate ina Horaisová Kate ina Horaisová Ji í Mikyška (Gar.)	Z	1	5 dní	L	V
818TV4	Physical Education 4 Dana Majerová Dana Majerová (Gar.)	Z	1	0+2	L	V
818TVS4	Software Team Development 4 Michal Moc Michal Moc Michal Moc (Gar.)	KZ	3	0+3	L	V

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

List of courses of this pass:

Code	Name of the course	Completion	Credits
804XAM1	English for Intermediate Students M1	Z	2
	gned for students who have successfully completed the full secondary school English language course at least at the A2 level of the C	-	
	anguages (CEFR). It provides an introduction into English for Specific and Academic Purposes (ESP, EAP), i.e., into fundamentals of v		
professional oral	and written communication situations. Thus it covers topics related to the student's life and needs as well as topics of subtechnical inte extending the knowledge of grammar issues used in EAP.	erest. Attention is a	ilso paid to
804XAM2		Z	2
	English for Intermediate Students M2 expects the student to have completed the AM1 course. It develops their skills for work with subtechnical texts, focusing also more on		
	rpical of ESP and EAP (e.g., definition, existence and classification of phenomena, object descriptions). Part of the course is also guided	-	
,	revision is included.		,, g
804XAM3	English for Intermediate Students M3	Z	2
	ps the skills that enable students to cope with features typical of professional style. Increasing attention is paid to developing subtechnical	al vocabulary and i	ndependent
_	f professional texts. Great emphasis is placed on distinguishing different levels of formal and informal oral and written communication		
equivalents. The co	purse also includes studying abstracts and rules for writing them as well as basic rules for preparing and giving a short presentation or	n a chosen topic re	lated to the
	student's field.		
804XAMZK	English for Intermediate Students Examination	ZK	. 4
	ent is the examination as given by the study plan. The examination covers the AM1, AM2, and AM3 courses and consists of two parts 30 min). The student is expected to master the AM syllabus and demonstrate the ability to apply their knowledge gained in the three E	•) and oral
•			
804XAP1	English for Advanced Students P1 igned for students who have successfully completed the full secondary school English language course (at least the B1 level of the Co	Z	2 Framework
	Languages - CEFR). It provides an introduction into English for Specific and Academic Purposes (ESP, EAP), i.e., into the fundament	-	
	the typical of professional oral and written communication situations (fundamentals of terms in mathematics and physics, definitions, gr	-	
	Il oral and written communication on topics related to the undergraduate's life and needs. It develops skills for free professional writing (wr		•
•	polite request). If necessary, revision of selected grammar topics is included.		
804XAP2	English for Advanced Students P2	Z	2
The AP2 course is	based on AP1, thus extending the student's skills for working with subtechnical texts, and even with professional texts of chosen branch	ches of science. A	ccording to
the students' need	s it concentrates on chosen grammar topics, but mainly intends to develop understanding of syntactic structures and typical rhetorical	functions (e.g., va	arious types
	nd, if possible, a case study). Increasing emphasis is placed on the undergraduate's independent work with and reading of linguisticall		-
The course extend	Is the student's subtechnical vocabulary, and includes fundamental notions of chosen branches of science. It is focused on formal writing	ng including the se	entence and
004)/480	paragraph structure, linking, cohesion and coherence in texts.		
804XAP3	English for Advanced Students P3	Ζ	2
	based on ADO and avaigate the attudent to work without any guidenes with outbantic professional materials and to interpret the tast. It is		and written
	based on AP2 and expects the student to work without any guidance with authentic professional materials and to interpret the text. It industrians (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing	cludes training oral	
communication sk	xills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing	cludes training oral an abstract) and,	if possible,
communication sk		cludes training oral an abstract) and,	if possible,
communication sk	kills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal languous communication.	cludes training oral an abstract) and,	if possible,
communication sk also preparing a 804XAPZK	kills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language.	cludes training oral an abstract) and, uage both in oral a	if possible, nd written
communication sk also preparing a 804XAPZK The course conten	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal languary communication. English for Advanced Students Examination	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled	if possible, nd written 4 ge obtained
communication sk also preparing a 804XAPZK The course content	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal languary communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled	if possible, nd written 4 ge obtained
sommunication shalso preparing a 804XAPZK The course content in the three AP 804XNM1 The objective of the	kills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and str	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z uctures (e.g. the p	if possible, nd written 4 ge obtained of study. 2 assive) and
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language. Communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and strip processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repul	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z uctures (e.g. the polic and Germany,	if possible, nd written 4 ge obtained of study. 2 assive) and current
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation	kills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and strong processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists,	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z uctures (e.g. the polic and Germany, and the fundaments	if possible, nd written 4 ge obtained of study. 2 assive) and current
also preparing a 804XAPZK The course conten in the three AP 804XNM1 The objective of th word formatior environmental is	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and strong processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understand in the course of the course is a similar to the course of the course is a similar to the course of	cludes training oral an abstract) and, age both in oral a ZK pply their knowled the student's field Z cuctures (e.g. the polic and Germany, and the fundamentandability.	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT
communication shalso preparing a 804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is	kills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal languation. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and stream processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understand of the process of the p	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cuctures (e.g. the polic and Germany, and the fundamentandability.	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT
communication shalso preparing a 804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introdu	kills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal languation. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and stream processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understores other more complex grammatical structures and their application in communication based on technical texts, such as the relation be	cludes training oral an abstract) and, age both in oral a ZK pply their knowled the student's field Z cuctures (e.g. the polic and Germany, and the fundamentandability.	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society,
also preparing a 804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduthe world at the	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal languation. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and stransfer processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understock of the course of the co	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z uctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc.	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduthe world at the	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and stream processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsuses together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understoes other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and or information and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z uctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc.	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduct the world at the practise reading for	kills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and stream and the processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understores other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and crinformation and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses).	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other general and a control of the co	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical
also preparing a 804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduthe world at the practise reading for 804XNM3	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language. English for Advanced Students Examination	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other or Z	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduthe world at the practise reading for 804XNM3 The course introduthe world at the practise reading for 804XNM3	kills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and stream and the processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understores other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and crinformation and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses).	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other of Z tween technology	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 2 and society,
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduthe world at the practise reading for the world at the securing a securing	kills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and strand processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsives together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and undersity acres other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and contribution and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses). German for Intermediate Students M3	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other of tween technology ar technology ar technology ar technology ar technology ar technology ar technology etc.	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 2 and society, Students
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduthe world at the practise reading for the world at the sales of the world at the world at the sales of the world at the world at the sales of the sales of the world at the sales of the s	kills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and strand processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsives together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and undersing German for Intermediate Students M2 German for Intermediate Students M2 Information and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses). German for Intermediate Students M3 Inces other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and content of the professional discourse (participles, relative clauses). German for Intermediate Students M3 Inces other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demand	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other of tween technology ar technology ar technology ar technology ar technology ar technology ar technology etc.	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 2 and society, Students
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduthe world at the practise reading for 804XNM3 The course introduthe world at the practise reading for 804XNM3 The course introduthe world at the practise reading for 804XNM3	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a course. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German Innermediate Students M1 e course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and stream processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understogeneous or information and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses). German for Intermediate Students M3 German for Intermediate Students	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other or a z z tween technology ar technology etc. cally revises other or z Z tween technology etc. cally revises other or z Z z tween technology etc. cally revises other or z Z z tween technology etc. cally revises other or z Z z z z z z z z z z z z z z z z z z	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 2 and society, Students grammatical 4
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduthe world at the practise reading for 804XNM3 The course introduthe world at the practise reading for 804XNM3 The course introduthe world at the practise reading for 804XNMZK The course content some also predicted the practise reading for 804XNMZK	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from German for Intermediate Students M1 e course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and strapprocesses (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication or related topics and is aimed at correct pronunciation, grammatical correctness and undersions of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and or information and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses). German for Intermediate Students M3 cos other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and or information and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses). Germa	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other or a z z tween technology ar technology etc. cally revises other or z z z z z z z z z z z z z z z z z z	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 2 and society, Students grammatical 4 arts - written
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introdute the world at the practise reading for 804XNM3 The course introdute the world at the practise reading for 804XNM3 The course introdute the world at the practise reading for 804XNMZK The course content some also prepared to the practise reading for 804XNMZK The course content some also prepared to the practise reading for 804XNMZK	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from Cerman for Intermediate Students M1 e course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and stream processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understoes other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and or information and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses). German for Intermediate Students M3 ces other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and or information and reading aloud, and appropriate language for various purposes	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other or a z z tween technology ar technology etc. cally revises other or z z z z z z z z z z z z z z z z z z	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 2 and society, Students grammatical 4 arts - written
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introdute the world at the practise reading for 804XNM3 The course introdute the world at the practise reading for 804XNMZK The course content and oral, which course content and oral	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and street processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understogether more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and continuous phenomena important for professional discourse (participles, relative clauses). German for Intermediate Students M3 coes other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and continuous continuous propriates and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, comp	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other or a z z tween technology ar technology etc. cally revises other or z z z tween technology etc. cally revises other or z z z z tween technology etc. cally revises other or z z z z tween technology etc. cally revises other or z z z z z tween technology etc. cally revises other or z z z z z z z z z z z z z z z z z z	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 4 arts - written nformation
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduct the world at the practise reading for 804XNM3 The course introduct the world at the practise reading for 804XNMZK The course content and oral, which course and oral, which course content and oral an	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal languacommunication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and strip processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsus together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understogether with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understogether more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and corrinformation and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses). German for Intermediate Students Examination It is the examination as given by the study plan. The whole German for Intermediate Students Examination It is the exami	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other or a z Z tween technology etc. cally revises other or z ZK onsisting of two parts. More detailed in z	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 2 and society, Students grammatical 4 arts - written nformation
sommunication shalso preparing a 804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduct the world at the practise reading for the world at the world at the practise reading for the world at the world at the practise reading for the world at the practise reading for the world at the world at the practise reading for the world at the world at the practise reading for the world at the practise reading for the world at the practise reading for the world at the world at the world at the practise reading for the world at the worl	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal languacommunication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and strip processes (e.g. importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Reput sues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understoes other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and or information and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses). German for Intermediate Students M3 coes other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and or information and reading aloud, and appropriate language for various purposes in oral and written communication. Th	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other or a z Z tween technology etc. cally revises other or z ZK onsisting of two parent. More detailed in Z ed off at the begin	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 4 arts - written nformation 2 ning of the
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introdute the world at the practise reading for 804XNM3 The course introdute the world at the practise reading for 804XNMZK The course content and oral, which course required to source required to source the course required the course required to source the course required the course required to sourc	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. Roglish for Advanced Students Examination	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other or a z Z tween technology etc. cally revises other or z Z Z tween technology etc. cally revises other or z Z Z tween technology etc. cally revises other or z Z Z tween technology etc. cally revises other or z Z Z C tween technology etc. cally revises other or z Z Z C consisting of two parts of two parts of the begin etail). It revises and	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 4 arts - written nformation 2 ning of the d develops
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introdute the world at the practise reading for 804XNM3 The course introdute the world at the practise reading for 804XNMZK The course content and oral, which course required to source required to source the course required the course required to source the course required the course required to sourc	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal language communication. English for Advanced Students Examination	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other or a z Z tween technology etc. cally revises other or z Z Z tween technology etc. cally revises other or z Z Z tween technology etc. cally revises other or z Z Z tween technology etc. cally revises other or z Z Z C tween technology etc. cally revises other or z Z Z C consisting of two parts of two parts of the begin etail). It revises and	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 4 arts - written nformation 2 ning of the d develops
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduct the world at the practise reading for 804XNM3 The course introduct the world at the practise reading for 804XNMZK The course content and oral, which course content and oral, which course requict course. The course more difficult grammal sales of the course of the course of the course of the course requiction or the course of the	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal languacommunication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students 'skills in the German for Intermediate Students M1 e course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and strip processes (e.g., importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understope continuously in the communication on related topics and is aimed at correct pronunciation, grammatical correctness and understope continuously in the communication of the communication on related topics and is aimed at correct pronunciation. grammatical correctness and understope continuously in the communication of the communication on related topics and is aimed at correct pronunciation grammatical correctness and understope continuously in the communication on related topics and is aimed at correct pronunciation grammatical correctness and understope continuously. It is the examination and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses). German for	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z cluctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other or a z Z tween technology etc. cally revises other or z Z Z tween technology etc. cally revises other or z Z Z tween technology etc. cally revises other or z Z Z tween technology etc. cally revises other or z Z Z E d off at the begin etail). It revises and tical everyday compared to the second control of the second control or z Z E d off at the begin etail). It revises and tical everyday compared to z Z E d off at the begin etail). It revises and tical everyday compared to z Z E d off at the begin etail).	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society, Students grammatical 4 arts - written information 2 ning of the didevelops munication,
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduct the world at the practise reading for the world at the practise reading for 804XNMZK The course introduct the world at the practise reading for the world at the practise reading for 804XNMZK The course content and oral, which course content and oral, which course. The course requict course. The course more difficult gramm	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal languary communication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students' skills in the German Ianguage. The course focuses on revision of more difficult phenomena and strip processes (e.g., importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Republishes together with all necessary expressions and phrases, expressions and phrases, expressions ended to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understoes thereof the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and correct pronunciation and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses). German for Intermediate Students M3 cost other more complex grammatical structures and their application in communication based on technical texts, such as the relation be beginning of the 21st century, linguistically more demanding texts on the environment, the language of mathematics, computers and or information and reading aloud, and appropriate language for various purposes in oral and written com	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z uctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology are technology etc. cally revises other or a z Z tween technology etc. cally revises other or z Z Z tween technology etc. cally revises other or z Z Z tween technology etc. cally revises other or z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society Students grammatica 2 and society Students grammatica 4 arts - writter information 2 ning of the develops munication
804XAPZK The course content in the three AP 804XNM1 The objective of the word formation environmental is 804XNM2 The course introduct the world at the practise reading for the world at the practise reading for 804XNMZK The course introduct the world at the practise reading for the world at the practise reading for 804XNMZK The course content and oral, which course content and oral, which course. The course requict course. The course more difficult grammatically also prepared to the course development of the course development and oral development.	cills and functions (e.g., expressing an opinion, agreement, and objections; taking part in discussion, note-taking; summarizing, writing project on a given or chosen topic and presenting it. The course places emphasis on distinguishing levels of formal and informal languacommunication. English for Advanced Students Examination It is the examination as given by the study plan. The student is supposed to demonstrate mastering the AP3 syllabus and the ability to a courses. The examination consists of 2 parts - written (110 min) and oral (30 min) and includes also oral presentation of a topic from the course is to level off the students 'skills in the German for Intermediate Students M1 e course is to level off the students' skills in the German language. The course focuses on revision of more difficult phenomena and strip processes (e.g., importance of verb prefixes). In the lexical part, it covers topics referring to higher education in both the Czech Repulsues together with all necessary expressions and phrases, expressions and phrases needed to chemists, mathematicians, physicists, terminology. It develops communication on related topics and is aimed at correct pronunciation, grammatical correctness and understope continuously in the communication on related topics and is aimed at correct pronunciation, grammatical correctness and understope continuously in the communication of the communication on related topics and is aimed at correct pronunciation. grammatical correctness and understope continuously in the communication of the communication on related topics and is aimed at correct pronunciation grammatical correctness and understope continuously in the communication on related topics and is aimed at correct pronunciation grammatical correctness and understope continuously. It is the examination and reading aloud, and appropriate language for various purposes in oral and written communication. The course systematic phenomena important for professional discourse (participles, relative clauses). German for	cludes training oral an abstract) and, lage both in oral a ZK pply their knowled the student's field Z uctures (e.g. the polic and Germany, and the fundamentandability. Z tween technology ar technology etc. cally revises other or a z z tween technology etc. cally revises other or z z z tween technology etc. cally revises other or z z z z z z z z z z z z z z z z z z	if possible, nd written 4 ge obtained of study. 2 assive) and current ntals of IT 2 and society Students grammatica 2 and society Students grammatica 4 arts - writter information 2 ning of the develops imunication 2 subtechnica

804XNP3	German for Advanced Students P3	Z	2
The course consis	ts of 3 main parts (general communicative situations, grammar and technical topics). Students will develop their vocabulary in a varie	ety of less commo	n situations
(traffic problems ar	nd car accidents, accident report, filling in a form, complaints). Based on presentations and technical and subtechnical texts, the voca	abulary range in fir	elds such as
nuclear power en	gineering, the environment, computer science, and car technology, will also be extended. Only authentic professional texts are used.	By means of a pr	esentation,
students are trained	d to process information gained from their reading of complex and difficult texts and present it to the class in a simplified oral form. The c	ourse also include	es translatio
	practice to and from German.		
804XNPZK	German for Advanced Students Examination	ZK	4
	t is the examination as given by the study plan. The whole German for Advanced Students Course is completed by an examination c		
and oral, which o	over the courses NP1 - NP3. The oral part follows after passing the written part successfully and after obtaining the 04NP3 ungraded information is to be obtained from the teacher.	l assessment. Mo	re detailed
818DTB1	Database 1	KZ	2
The aim of the co	urse "Database 1" is to introduce students to the principles of normalization of relational databases and their design. The course is in	nplemented only i	n the city of
	D ín.		
818DTB2	Database 2	KZ	2
Γhe course "Datab	ase 2" is devoted to the SQL language. Students will learn the basic SQL commands (creating tables, inserting/updating and deleting	g data), the variou	ıs options fo
selecting	data (including aggregation) and creating views. Students will also learn about programming on the database system side (triggers,	stored procedure	;s).
818NES1	Neural Networks 1	Z	2
Mathematical ana	lysis, model theory and biological context are used for construction of simple models of neural structures. The models are able to lea	rn from pattern se	ets and their
	structures and parameters are subjects of optimization.		
818NES2	Neural Networks 2	Z	2
	e is oriented first to multi-layer neural networks and next to self-organized artificial neural networks. The biological context, cluster and	alysis and principa	al componer
	analysis are used for self-organized artificial neural network realization. Self-organization is discussed in vector spaces.		
818NES3	Neural Networks 3	Z	2
818PMT	Programming for mobile phones on the J2ME platform	Z	3
	ming on the Java ME mobile platform (this platform is ported for the majority of normal and smartphones). The practical exercises are		
	implementation of interactive network oriented applications.	·	
818RM1	Mathematics Repetitorium 1	Z	3
818RM2	Mathematics Repetitorium 2	Z	2
818SVK	Student's Scientific Conference	Z	1
	is the active participation of the student in one of the approved student conferences. The list of such conferences is defined by the co	I .	
818TDM	3D modeling	Z	3
	lents will learn the basics of 3D modeling software tools and with polygon and parametric modeling principles. This course is available	I	1
818TV1	Physical Education 1	Z	1
3101 V 1	Swimming, bodybuilding, skiing course, boating course and tourism.	_	'
818TV2	Physical Education 2	Z	1
0101 12	Swimming, bodybuilding, skiing course, boating course and tourism.	_	'
818TV3	Physical Education 3	Z	1
010173	Swimming, bodybuilding, skiing course, boating course and tourism.	_	1 1
010T\//		Z	1
818TV4	Physical Education 4		1
04071/04	Swimming, bodybuilding, skiing course, boating course and tourism.	1/7	Τ ο
818TVS1	Team Development of Software 1	KZ ,	3
	software development on the team - communication between team members, allocating tasks and its monitoring. Analysis and desig		
818TVS2	Team Development of Software 2	KZ	3
	The course builds on 818TVS1. The individual teams will continue development and testing of a concrete application, creating docu		_
818TVS3	Software Team Development 3	KZ	3
818TVS4	Software Team Development 4	KZ	3
818ZDTP	Data Processing using Spreadsheet	Z	2
818ZDVP	Data Processing in Pandas	Z	2
5 10 <u>2</u> 5 V I	Data i 1000031119 iii i aliado		

For updated information see http://bilakniha.cvut.cz/en/FF.html Generated: day 2025-04-13, time 06:12.