Study plan

Name of study plan: 11 126 NSTI REP 2012 základ

Faculty/Institute/Others:

Department:

Branch of study guaranteed by the department: Welcome page

Garantor of the study branch: Program of study: Welcome page

Type of study: unknown Required credits: 121 Elective courses credits: 0 Sum of credits in the plan: 121

Note on the plan:

Name of the block: Compulsory courses in the program

Minimal number of credits of the block: 103

The role of the block: P

Code of the group: 12NS*1P-REP

Name of the group: 2012 NSTI 1.sem povinné REP

Requirement credits in the group: In this group you have to gain 25 credits

Requirement courses in the group: In this group you have to complete 5 courses

Credits in the group: 25 Note on the group:

Code of the group: 12NS*2P-REP

Name of the group: 2012 NSTI 2.sem povinné REP

Requirement credits in the group: In this group you have to gain 24 credits

Requirement courses in the group: In this group you have to complete 5 courses

Credits in the group: 24 Note on the group:

Code of the group: 12NS*3P-REP

Name of the group: 2012 NSTI 3.sem povinné REP

Requirement credits in the group: In this group you have to gain 27 credits

Requirement courses in the group: In this group you have to complete 5 courses

Credits in the group: 27 Note on the group:

Code of the group: 12NS*4P-REP

Name of the group: 2012 NSTI 4.sem povinné REP

Requirement credits in the group: In this group you have to gain 27 credits

Requirement courses in the group: In this group you have to complete 6 courses

Credits in the group: 27 Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
2341031	Innovation engineering	Z,ZK	4	2P+1C		Р
2341017	Manufacturing processes and systems modelling	Z,ZK	4	2P+2C	*	Р

Characteristics of the courses of this group of Study Plan: Code=12NS*4P-REP Name=2012 NSTI 4.sem povinné REP

| Innovation engineering | Z,ZK | 4 |
| Theory of innovation, technology innovation - function and control, creative work and its support in technology innovation bussiness, including industrial property rights protection.

| 2341017 | Manufacturing processes and systems modelling | Z,ZK | 4 |
| Theory and methodics of manufacturing processes and systems modelling.

Name of the block: Compulsory elective courses

Minimal number of credits of the block: 18

The role of the block: PV

Code of the group: 12N**3Q--JV

Name of the group: 2012 N 3.sem povinná jazyková výuka

Requirement credits in the group: In this group you have to gain 2 credits

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

Credits in the group: 2 Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
2043081	English - Preparatory Course / FME Veronika Kratochvílová	Z	2	0P+2C	*	PV
2043086	Czech - Preparatory Course Petr Laurich, Hana Volejníková	Z	2	0P+2C	*	PV
2043083	French - Preparatory Course / FME Dušana Jirovská Michaela Schusová Dušana Jirovská (Gar.)	Z	2	0P+2C	*	PV
2043082	German - Lower Intermediate Course Petr Laurich, Jaroslava Kommová, Eliška Vítková Jaroslava Kommová Jaroslava Kommová (Gar.)	Z	2	0P+2C	*	PV
2043085	Russian - Preparatory Course / FME Hana Volejníková, Dušana Jirovská Eliška Vítková	Z	2	0P+2C	*	PV
2043084	Spanish - Preparatory Course / FME Jaime Andrés Villagómez Eliška Vítková	Z	2	0P+2C	*	PV

Characteristics of the courses of this group of Study Plan: Code=12N**3Q--JV Name=2012 N 3.sem povinná iazyková výuka

Characteristics (of the courses of this group of Study Plan: Code=12N**3QJV Name=2012 N 3.sem povinna	jazykova vyl	ıka
2043081	English - Preparatory Course / FME	Z	2
Aim: Understanding of	learly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about the	m. Writing in a sir	nple way about
familiar topics. Readir	ng and comprehension of simple texts. Improvement of professional language. European level A1 - A2.		
2043086	Czech - Preparatory Course	Z	2
•	learly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about the ng and comprehension of simple texts. Improvement of professional language.	m. Writing in a sir	nple way about
2043083	French - Preparatory Course / FME	Z	2
Aim: Understanding of	learly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about the	m. Writing in a sir	nple way about
familiar topics. Readir	ng and comprehension of simple texts. Improvement of professional language.		
2043082	German - Lower Intermediate Course	Z	2
Mapped to the level of	f Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations whic	h a student meet	s either in the
company or in his/her	free time and speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Impre	ovement of profes	sional language
2043085	Russian - Preparatory Course / FME	Z	2
Aim: Understanding of	learly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about the	m. Writing in a sir	nple way about
familiar topics. Readir	ng and comprehension of simple texts. Improvement of professional language.		
2043084	Spanish - Preparatory Course / FME	Z	2
Aim: Understanding of	learly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about the	m. Writing in a sir	nple way about
familiar topics. Reading	ng and comprehension of simple texts. Improvement of professional language.		

Code of the group: 12N**3Q--JZ

Name of the group: 2012 N 3.sem povinná jazyková zkouška

Requirement credits in the group: In this group you have to gain 1 credit

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

Credits in the group: 1 Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
2041081	English - Master Exam Veronika Kratochvílová, Hana Volejníková, Ilona Šimice, Michaela Schusová, Michele Le Blanc Ilona Šimice (Gar.)	ZK	1	0P+0C	*	PV

2041086	Czech- Master Exam Petr Laurich, Hana Volejníková	ZK	1	0P+0C	*	PV
2041083	French - Master Exam / FME Dušana Jirovská Dušana Jirovská Dušana Jirovská (Gar.)	ZK	1	0P+0C	*	PV
2041082	German - Master Exam / FME Petr Laurich, Jaroslava Kommová, Eliška Vítková Jaroslava Kommová Jaroslava Kommová (Gar.)	ZK	1	0P+0C	*	PV
2041085	Russian - Master Exam / FME Hana Volejníková, Dušana Jirovská Eliška Vítková	ZK	1	0P+0C	*	PV
2041084	Spanish - Master Exam / FME Jaime Andrés Villagómez Eliška Vítková Jaime Andrés Villagómez (Gar.)	ZK	1	0P+0C	*	PV

Characteristics of the courses of this group of Study Plan: Code=12N**3Q--JZ Name=2012 N 3.sem povinná jazyková zkouška

Characteristics of	the courses of this group of Study Plan. Code=12N 3Q32 Name=2012 N 3.5em povining	jazykova zko	uska			
2041081	English - Master Exam	ZK	1			
Mapped to the level of C	common European Framework of Reference: A2. Aim: Understanding clearly what is spoken about everyday situations which	a student meets	at school or in			
his/her free time and sp	eaking about them. Writing in a simple way about familiar topics. Reading and comprehension of simple texts. Improvement of	of professional lar	iguage.			
2041086	Czech- Master Exam	ZK	1			
2041083	French - Master Exam / FME	ZK	1			
Mapped to the level of C	Mapped to the level of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which a student meets either at sche					
or in his/her free time ar	nd speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improveme	nt of professional	language.			
2041082	German - Master Exam / FME	ZK	1			
Mapped to the level of C	common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations whic	h a student meets	either at school			
or in his/her free time ar	nd speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improveme	nt of professional	language.			
2041085	Russian - Master Exam / FME	ZK	1			
Mapped to the level of C	ommon European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations whic	h a student meets	either at school			
or in his/her free time ar	nd speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improveme	nt of professional	language.			
2041084	Spanish - Master Exam / FME	ZK	1			
Mapped to the level of C	common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations whic	h a student meets	either at school			
or in his/her free time ar	nd speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improveme	nt of professional	language.			

Code of the group: 12NS*1Q-REP

Name of the group: 2012 NSTI 1.sem 2povvol REP

Requirement credits in the group: In this group you have to gain 6 credits

Requirement courses in the group: In this group you have to complete 2 courses

Credits in the group: 6 Note on the group:

Code of the group: 12NS*2Q-REP

Name of the group: 2012 NSTI 2.sem 2povvol REP

Requirement credits in the group: In this group you have to gain at least 6 credits (at most 7)

Requirement courses in the group: In this group you have to complete 2 courses

Credits in the group: 6 Note on the group:

Code of the group: 12NS*3Q-REP

Name of the group: 2012 NSTI 3.sem 1povvol REP

Requirement credits in the group: In this group you have to gain at least 3 credits (at most 5)

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

Credits in the group: 3 Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
2371087	Programming for Web	Z,ZK	5	2P+2C	*	PV
2322053	Technical Materials	KZ	3	2P+1C	*	PV

Characteristics of the courses of this group of Study Plan: Code=12NS*3Q-REP Name=2012 NSTI 3.sem 1povvol REP

2371087	Programming for Web	Z,ZK	5
This syllabus presents	advanced programming of WWW pages. It begins with HTML and XHTML languages given in the basic informatics course Z	PP. An introduction	n to Cascade
Style Sheets (CSS) is	included. Client-side programming in JavaScript is explained with an active use of intensive computations and object oriented	programming. In	order to apply
database techniques,	server-side programming in PHP is explained simultaneously combining XHTML, JavaScript, and PHP Project-based learning	will be applied in	this course with
concrete applications	on some free servers.		
2322053	Technical Materials	K7	3

List of courses of this pass:

	Name of the course	Completion	Credits
2041081	English - Master Exam	ZK	1
Mapped to the lev	el of Common European Framework of Reference: A2. Aim: Understanding clearly what is spoken about everyday situations which a	student meets at s	chool or in
his/her free tin	e and speaking about them. Writing in a simple way about familiar topics. Reading and comprehension of simple texts. Improvement	of professional lan	guage.
2041082	German - Master Exam / FME	ZK	1
Mapped to the leve	of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which a	student meets eith	er at schoo
or in his/her free	time and speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improvemen	nt of professional la	inguage.
2041083	French - Master Exam / FME	ZK	1
Mapped to the leve	of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which a	student meets eith	er at schoo
or in his/her free	time and speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improvemen	nt of professional la	inguage.
2041084	Spanish - Master Exam / FME	ZK	1
Mapped to the leve	of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which a	student meets eith	er at schoo
or in his/her free	time and speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improvemen	nt of professional la	inguage.
2041085	Russian - Master Exam / FME	ZK	1
Mapped to the leve	of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which a	student meets eith	er at schoo
or in his/her free	time and speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improvement	nt of professional la	inguage.
2041086	Czech- Master Exam	ZK	1
2043081	English - Preparatory Course / FME	Z	2
Aim: Understandir	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them.	ا Writing in a simple	way about
	familiar topics. Reading and comprehension of simple texts. Improvement of professional language. European level A1 - A2	·	•
2043082	German - Lower Intermediate Course	Z	2
Mapped to the le	el of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which	a student meets ei	ther in the
company or in his/h	er free time and speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improver	ment of profession	al language
2043083	French - Preparatory Course / FME	Z	2
Aim: Understandir	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them.	Writing in a simple	way about
	familiar topics. Reading and comprehension of simple texts. Improvement of professional language.		
2043084	Spanish - Preparatory Course / FME	Z	2
Aim: Understandir	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them.	Writing in a simple	way about
	familiar topics. Reading and comprehension of simple texts. Improvement of professional language.		
2043085	Russian - Preparatory Course / FME	Z	2
Aim: Understandir	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them.	Writing in a simple	way about
	familiar topics. Reading and comprehension of simple texts. Improvement of professional language.		
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2043086	Czech - Preparatory Course	Z	2
	Gzecn - Preparatory Course g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them.		
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	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them.		
Aim: Understandin	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them. familiar topics. Reading and comprehension of simple texts. Improvement of professional language. Technical Materials	Writing in a simple	way about
Aim: Understandir	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them. familiar topics. Reading and comprehension of simple texts. Improvement of professional language. Technical Materials Manufacturing processes and systems modelling	Writing in a simple	way about
Aim: Understandir 2322053 2341017	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them. familiar topics. Reading and comprehension of simple texts. Improvement of professional language. Technical Materials Manufacturing processes and systems modelling Theory and methodics of manufacturing processes and systems modelling.	Writing in a simple KZ Z,ZK	way about 3
2322053 2341017 2341031	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them. familiar topics. Reading and comprehension of simple texts. Improvement of professional language. Technical Materials Manufacturing processes and systems modelling Theory and methodics of manufacturing processes and systems modelling. Innovation engineering	Writing in a simple KZ Z,ZK Z,ZK	way about 3 4
2322053 2341017 2341031 Theory of innova	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them. familiar topics. Reading and comprehension of simple texts. Improvement of professional language. Technical Materials Manufacturing processes and systems modelling Theory and methodics of manufacturing processes and systems modelling. Innovation engineering tion, technology innovation - function and control, creative work and its support in technology innovation bussiness, including industria	Writing in a simple KZ Z,ZK Z,ZK al property rights p	3 4 orotection.
2322053 2341017 2341031 Theory of innova 2371087	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them. familiar topics. Reading and comprehension of simple texts. Improvement of professional language. Technical Materials Manufacturing processes and systems modelling Theory and methodics of manufacturing processes and systems modelling. Innovation engineering tion, technology innovation - function and control, creative work and its support in technology innovation bussiness, including industria Programming for Web	Writing in a simple KZ Z,ZK Z,ZK al property rights p Z,ZK	3 4 orotection.
Aim: Understandir 2322053 2341017 2341031 Theory of innova 2371087 This syllabus pre	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them. familiar topics. Reading and comprehension of simple texts. Improvement of professional language. Technical Materials Manufacturing processes and systems modelling Theory and methodics of manufacturing processes and systems modelling. Innovation engineering tion, technology innovation - function and control, creative work and its support in technology innovation bussiness, including industriation and support in the basic informatics course ZPP. Sents advanced programming of WWW pages. It begins with HTML and XHTML languages given in the basic informatics course ZPP.	KZ Z,ZK Z,ZK al property rights p Z,ZK An introduction to	3 4 4 orotection. 5 0 Cascade
Aim: Understandir 2322053 2341017 2341031 Theory of innova 2371087 This syllabus pre Style Sheets (CS	g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them. familiar topics. Reading and comprehension of simple texts. Improvement of professional language. Technical Materials Manufacturing processes and systems modelling Theory and methodics of manufacturing processes and systems modelling. Innovation engineering tion, technology innovation - function and control, creative work and its support in technology innovation bussiness, including industria Programming for Web	KZ Z,ZK Z,ZK al property rights p Z,ZK An introduction to ogramming. In order	3 4 4 orotection. 5 0 Cascade er to apply

For updated information see http://bilakniha.cvut.cz/en/FF.html Generated: day 2025-11-28, time 04:17.