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		P
2341017	**Manufacturing processes and systems modelling**	Z,ZK	4	2P+2C	*	P

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

2341031	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, Eliška Vítková, Ilona Šimice, Michaela Schusová, Hana Volejníková* **Nina Procházková Ayyub**	Z	2	0P+2C	*	PV
2043086	**Czech - Preparatory Course** *Michaela Schusová, Hana Volejníková, Petr Laurich*	Z	2	0P+2C	*	PV
2043083	**French - Preparatory Course / FME** *Michaela Schusová, Dušana Jirovská* **Michaela Schusová** *Dušana Jirovská (Gar.)*	Z	2	0P+2C	*	PV
2043082	**German - Lower Intermediate Course** *Eliška Vítková, Michaela Schusová, Petr Laurich, Jaroslava Kommová* **Jaroslava Kommová** *Jaroslava Kommová (Gar.)*	Z	2	0P+2C	*	PV
2043085	**Russian - Preparatory Course / FME** *Michaela Schusová, Hana Volejníková, Dušana Jirovská* **Eliška Vítková**	Z	2	0P+2C	*	PV
2043084	**Spanish - Preparatory Course / FME** *Michaela Schusová, Jaime Andrés Villagómez* **Eliška Vítková**	Z	2	0P+2C	*	PV

Characteristics of the courses of this group of Study Plan: Code=12N3Q--JV Name=2012 N 3.sem povinná jazyková výuka**

2043081	English - Preparatory Course / FME	Z	2
Aim: Understanding 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. European level A1 - A2.			
2043086	Czech - Preparatory Course	Z	2
Aim: Understanding 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.			
2043083	French - Preparatory Course / FME	Z	2
Aim: Understanding 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.			
2043082	German - Lower Intermediate Course	Z	2
Mapped to the level of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which a student meets 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. Improvement of professional language.			
2043085	Russian - Preparatory Course / FME	Z	2
Aim: Understanding 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: Understanding 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.			

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, Eliška Vítková, Ilona Šimice, Michaela Schusová, Hana Volejníková, Michele Le Blanc, Nina Procházková Ayyub* **Nina Procházková Ayyub** *Ilona Šimice (Gar.)*	ZK	1	0P+0C	*	PV
2041086	**Czech- Master Exam** *Michaela Schusová, Hana Volejníková, Petr Laurich*	ZK	1	0P+0C	*	PV
2041083	**French - Master Exam / FME** *Michaela Schusová, Dušana Jirovská* **Dušana Jirovská** *Dušana Jirovská (Gar.)*	ZK	1	0P+0C	*	PV
2041082	**German - Master Exam / FME** *Eliška Vítková, Michaela Schusová, Petr Laurich, Jaroslava Kommová* **Jaroslava Kommová** *Jaroslava Kommová (Gar.)*	ZK	1	0P+0C	*	PV
2041085	**Russian - Master Exam / FME** *Michaela Schusová, Hana Volejníková, Dušana Jirovská* **Eliška Vítková**	ZK	1	0P+0C	*	PV
2041084	**Spanish - Master Exam / FME** *Michaela Schusová, 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

2041081	English - Master Exam		ZK	1
Mapped to the level of 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 speaking about them. Writing in a simple way about familiar topics. Reading and comprehension of simple texts. Improvement of professional language.				
2041086	Czech- Master Exam		ZK	1
2041083	French - Master Exam / FME		ZK	1
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 school 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 of professional language.				
2041082	German - Master Exam / FME		ZK	1
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 school 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 of professional language.				
2041085	Russian - Master Exam / FME		ZK	1
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 school 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 of professional language.				
2041084	Spanish - Master Exam / FME		ZK	1
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 school 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 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 ZPP. An introduction 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		KZ	3

List of courses of this pass:

Code	Name of the course	Completion	Credits
2041081	English - Master Exam	ZK	1
Mapped to the level of 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 speaking about them. Writing in a simple way about familiar topics. Reading and comprehension of simple texts. Improvement of professional language.			
2041082	German - Master Exam / FME	ZK	1
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 school 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 of professional language.			
2041083	French - Master Exam / FME	ZK	1
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 school 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 of professional language.			
2041084	Spanish - Master Exam / FME	ZK	1
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 school 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 of professional language.			
2041085	Russian - Master Exam / FME	ZK	1
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 school 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 of professional language.			
2041086	Czech- Master Exam	ZK	1
2043081	English - Preparatory Course / FME	Z	2
Aim: Understanding 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. European level A1 - A2.			
2043082	German - Lower Intermediate Course	Z	2
Mapped to the level of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which a student meets 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. Improvement of professional language.			
2043083	French - Preparatory Course / FME	Z	2
Aim: Understanding 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: Understanding 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: Understanding 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.			
2043086	Czech - Preparatory Course	Z	2
Aim: Understanding 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.			
2322053	Technical Materials	KZ	3
2341017	Manufacturing processes and systems modelling	Z,ZK	4
	Theory and methodics of manufacturing processes and systems modelling.		
2341031	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.			
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 ZPP. An introduction 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.			

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

Generated: day 2025-08-10, time 21:35.