Study plan

Name of study plan: 17 156 NJEZ 2012 bez odoru 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: 132

Elective courses credits: -14 Sum of credits in the plan: 118

Note on the plan:

Name of the block: Compulsory courses in the program

Minimal number of credits of the block: 94

The role of the block: P

Code of the group: 12NJ*1P-BOB

Name of the group: 2012 NJEZ 1.sem povinné BEZ OBORU

Requirement credits in the group: In this group you have to gain 26 credits

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

Credits in the group: 26 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
2151126	Nuclear Safety Václav Dostál Václav Dostál (Gar.)	ZK	5	4P+0C	*	Р
2151190	Nuclear Systems I. Václav Dostál	ZK	5	4P+0C	*	Р
2151093	Reactor Physics	Z,ZK	6	3P+2C	*	Р
2153023	Term Project I.	Z	4	0P+3C	*	Р
2153011	Seminar in Nuclear Energy I. Slavomír Entler, Michal Cihlář, Jan Syblík Slavomír Entler Slavomír Entler (Gar.)	Z	1	0P+1C	*	Р
2151105	Thermal Hydraulics of Nuclear Reactors I.	Z,ZK	5	2P+2C	*	Р

Characteristics of the courses of this group of Study Plan: Code=12NJ*1P-BOB Name=2012 NJEZ 1.sem povinné BEZ OBORU

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2151126	Nuclear Safety	ZK	5		
2151190	Nuclear Systems I.	ZK	5		
2151093	Reactor Physics	Z,ZK	6		
2153023	Term Project I.	Z	4		
2153011	Seminar in Nuclear Energy I.	Z	1		
2151105	Thermal Hydraulics of Nuclear Reactors I.	Z,ZK	5		

Code of the group: 12NJ*2P-BOB

Name of the group: 2012 NJEZ 2.sem povinné BEZ OBORU

Requirement credits in the group: In this group you have to gain 22 credits

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

Credits in the group: 22 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
2151110	Steam Generators and Piping Systems in NPP	Z,ZK	5	2P+2C	*	Р

2153024	Term Project II. Václav Dostál	Z	4	0P+3C	*	Р
2153012	Seminar in Nuclear Energy II.	Z	1	0P+1C	*	Р
2151027	Thermal Cycles in Power Generation Michal Kolovratník Guk Chol Jun Michal Kolovratník (Gar.)	Z,ZK	6	3P+2C	*	Р
2151106	Thermal Hydraulics of Nuclear Reactors II.	Z,ZK	6	2P+2C	*	Р

Characteristics of the courses of this group of Study Plan: Code=12NJ*2P-BOB Name=2012 NJEZ 2.sem povinné BEZ OBORU

2151110	Steam Generators and Piping Systems in NPP	Z,ZK	5
2153024	Term Project II.	Z	4
2153012	Seminar in Nuclear Energy II.	Z	1
2151027	Thermal Cycles in Power Generation	Z,ZK	6
2151106	Thermal Hydraulics of Nuclear Reactors II.	Z,ZK	6

Code of the group: 12NJ*3P-BOB

Name of the group: 2012 NJEZ 3.sem povinné BEZ OBORU

Requirement credits in the group: In this group you have to gain 20 credits

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

Credits in the group: 20

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
2151005	Steam and Gas Turbines Guk Chol Jun	Z,ZK	6	3P+2C	*	Р
2151114	Design and Economy of Nuclear Power Systems I. Václav Dostál	Z,ZK	6	3P+2C	*	Р
2153025	Term Project III.	Z	4	0P+3C	*	Р
2153013	Seminar in Nuclear Energy III. Slavomír Entler, Michal Cihlář, Jan Syblík Slavomír Entler Slavomír Entler (Gar.)	Z	1	0P+1C	*	Р
2151130	Nuclear System Operation Jana Novotná	ZK	3	2P+0C	*	Р

Characteristics of the courses of this group of Study Plan: Code=12NJ*3P-BOB Name=2012 NJEZ 3.sem povinné BEZ OBORU

O i i a i a o to i i o ti o c	onal action of the courses of the group of classy frame course frame - 2012 frame -							
2151005	Steam and Gas Turbines	Z,ZK	6					
Condensing, backp	Condensing, backpressure and extraction steam turbines. Basic principals of energy transformations in a turbine stage. Turbine stage with a short (one-dimensional approach) ar							
long (three-dimensi	long (three-dimensional effects) blade. Energy losses, polytropic and isentropic turbine efficiency. Thermodynamic analysis and design of a multi-stage steam and gas turbines. Power							
control of a steam a	and gas turbines. Off-design operation conditions of a steam and gas turbines.							
2151114	Design and Economy of Nuclear Power Systems I.	Z,ZK	6					
2153025	Term Project III.	Z	4					
2153013	Seminar in Nuclear Energy III.	Z	1					
2151130	Nuclear System Operation	ZK	3					

Code of the group: 12NJ*4P-BOB

Name of the group: 2012 NJEZ 4.sem povinné BEZ OBORU

Requirement credits in the group: In this group you have to gain 26 credits

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

Credits in the group: 26 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
2121050	Pumps for Power Engineering	Z,ZK	4	2P+1C	L	Р
2153988	Diploma Thesis	Z	8	0P+7C	*	Р
2151191	Nuclear Systems II. Václav Dostál	Z,ZK	5	3P+1C	*	Р
2151132	Operation of Nuclear Power Devices Václav Dostál	Z,ZK	4	2P+1C	*	Р
2151116	Automation and Control in NPP	Z,ZK	4	2P+1C	*	Р
2153014	Seminar in Nuclear Energy IV.	Z	1	0P+1C	*	Р

Characteristics of the courses of this group of Study Plan: Code=12NJ*4P-BOB Name=2012 NJEZ 4.sem povinné BEZ OBORU

2121050	Pumps for Power Engineering	Z,ZK	4		
The course is consider	The course is considered for students in the master study programme of Nuclear Power Facility Engineering. Students will gain knoweledge on the fundamentals of operation				
in hydraulic systems a	nd more complex overview in selecting type, construction and operation of hydrodynamic pumps that are used in the power fa	cility hydraulic sy:	stem.		
2153988	Diploma Thesis	Z	8		
2151191	Nuclear Systems II.	Z,ZK	5		
2151132	Operation of Nuclear Power Devices	Z,ZK	4		
2151116	Automation and Control in NPP	Z,ZK	4		
2153014	Seminar in Nuclear Energy IV.	Z	1		

Name of the block: Compulsory elective courses

Minimal number of credits of the block: 38

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**3QJV Name=2012 N 3.sem povinná	jazyková výt	ıka
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 the	m. Writing in a sir	nple way about
familiar topics. Readi	ng 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 the	m. Writing in a sir	nple way abou
familiar topics. Readi	ng 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 the	m. Writing in a sir	nple way about
familiar topics. Readi	ng 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 whi	ch a student meet	s either in the
company or in his/he	free time and speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Impr	ovement of profes	sional languag
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 the	em. Writing in a sir	nple way about
familiar topics. Readi	ng 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 the	m. Writing in a sir	nple way abou
familiar topics. Readi	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

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 C	sommon 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 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				
Manned to the level of C	Japped 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 are in his/hor free time and excelling about them. Writing in a simple way about femiliar topic reading and comprehension of simple topic.

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: 12NJ*1Q-BOB

English - Master Exam

Name of the group: 2012 NJEZ 1.sem 1povvol BEZ OBORU

Requirement credits in the group: In this group you have to gain 3 credits

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

Credits in the group: 3 Note on the group:

2041081

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
2151107	Electrical Machinery Václav Dostál	Z,ZK	3	2P+1C	*	PV
2151103	Water Treatment Jana Novotná	Z,ZK	3	2P+1C	*	PV

Characteristics of the courses of this group of Study Plan: Code=12NJ*1Q-BOB Name=2012 NJEZ 1.sem 1povvol BEZ OBORU

2151107	Electrical Machinery	Z,ZK	3
2151103	Water Treatment	Z,ZK	3

Code of the group: 12NJ*2Q-BOB

Name of the group: 2012 NJEZ 2.sem 2povvol BEZ OBORU

Requirement credits in the group: In this group you have to gain at least 8 credits (at most 9)

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

Credits in the group: 8

Note on the group:

17PSJR patří do jiného studijního programu

Code	members)	Completion	Credits	Scope	Semester	Role
	Tutors, authors and guarantors (gar.)					
2151122	Nuclear Fuels	Z,ZK	4	3P+1C	*	PV

17PSJR	Operational States of Nuclear Reactors	KZ	4	2+1	L	PV
2151157	Principles of Refrigerating Technology and Heat Pumps	Z,ZK	5	2P+2C	*	PV

Characteristics of the courses of this group of Study Plan: Code=12NJ*2Q-BOB Name=2012 NJEZ 2.sem 2povvol BEZ OBORU

2151122	Nuclear Fuels	Z,ZK	4
17PSJR	Operational States of Nuclear Reactors	KZ	4
The first part of the	ourse is focused on reactor kinetics and dynamics, namely reactor kinetics, delayed neutrons, prompt neutron lifetime, reactor	rs period kinetic ed	uuatione and ite

simplified solution, transfer function of zero reactor, reactivity coefficients, temperature coefficients, reactor stability. The second part of the course is focused on reactor inner nuclear fuel cycle of the nuclear power plants, particularly PWR used and / or planned in the Czech Republic, namely fuel changes during the cycle, burn-up, changes of keff during the cycle, xenon poisonings and xenon oscillations, samarium, fuel handling, fuel management, reactor operation, burn-up, fuel loading, fuel reloading, loading pattern, legislative requirements for the core, core loading and fuel handling, fuel cycle of Dukovany & Dukovany & Amp; Temelín NPP and MOX. Note: Front-end & Amp; back-end of the nuclear fuel cycle of the nuclear power plants is the part of 17JPC - Nuclear fuel cycle course.

2151157 Principles of Refrigerating Technology and Heat Pumps

Z,ZK 5

Code of the group: 12NJ*3Q-BOB

Name of the group: 2012 NJEZ 3.sem 3povvol BEZ OBORU

Requirement credits in the group: In this group you have to gain 20 credits

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

Credits in the group: 20 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
2321100	Materials for nuclear energy facilities Jiří Janovec, Jakub Horváth Jakub Horváth (Gar.)	Z,ZK	5	3P+1C	*	PV
2151138	Measurement in Nuclear Engineering	Z,ZK	3	1P+2L	*	PV
2151127	Lifetime Management of Materials and Construction	Z,ZK	3	2P+1C	*	PV
2152085	Social Aspects of Power Engineering	KZ	3	2P+1C	*	PV

Characteristics of the courses of this group of Study Plan: Code=12NJ*3Q-BOB Name=2012 NJEZ 3.sem 3povvol BEZ OBORU

2321100	Materials for nuclear energy facilities	Z,ZK	5
2151138	Measurement in Nuclear Engineering	Z,ZK	3
2151127	Lifetime Management of Materials and Construction	Z,ZK	3
2152085	Social Aspects of Power Engineering	KZ	3

Code of the group: 12NJ*4Q-BOB

Name of the group: 2012 NJEZ 4.sem 1povvol BEZ OBORU

Requirement credits in the group: In this group you have to gain 4 credits

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

Credits in the group: 4 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
2151123	Radiation Protection Václav Dostál	Z,ZK	4	3P+1C	*	PV
2151151	Steam boilers	Z,ZK	4	2P+2C	*	PV

Characteristics of the courses of this group of Study Plan: Code=12NJ*4Q-BOB Name=2012 NJEZ 4.sem 1povvol BEZ OBORU

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2151123	Radiation Protection	Z,ZK	4			
2151151	Steam boilers	Z,ZK	4			

List of courses of this pass:

Code	Name of the course	Completion	Credits
17PSJR	Operational States of Nuclear Reactors	KZ	4
The first part of the	e course is focused on reactor kinetics and dynamics, namely reactor kinetics, delayed neutrons, prompt neutron lifetime, reactors pe	riod, kinetic equati	ions and its
•	transfer function of zero reactor, reactivity coefficients, temperature coefficients, reactor stability. The second part of the course is for		
=	clear power plants, particularly PWR used and / or planned in the Czech Republic, namely fuel changes during the cycle, burn-up, ch	-	-
	and xenon oscillations, samarium, fuel handling, fuel management, reactor operation, burn-up, fuel loading, fuel reloading, loading pa	=	-
for the core, core	loading and fuel handling, fuel cycle of Dukovany &Temelín NPP and MOX. Note: Front-end & back-end of the nuclear fue plants is the part of 17JPC - Nuclear fuel cycle course.	el cycle of the nucle	ear power
2041081	English - Master Exam	ZK	1
	ן בווקווטון - וומטנפו באמווו el of Common European Framework of Reference: A2. Aim: Understanding clearly what is spoken about everyday situations which a	l	l I
	ne and speaking about them. Writing in a simple way about familiar topics. Reading and comprehension of simple texts. Improvement		
2041082	German - Master Exam / FME	ZK	1
	l of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which a		ier at school
or in his/her free	e time and speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improvement	nt of professional la	anguage.
2041083	French - Master Exam / FME	ZK	1
Mapped to the leve	l of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which a	student meets eith	er at school
or in his/her free	e time and speaking about them. Writing in a simple way about familiar topics, reading and comprehesion of simple texts. Improvement	nt of professional la	anguage.
2041084	Spanish - Master Exam / FME	ZK	1
• •	l of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which a		
	e time and speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improvement		
2041085	Russian - Master Exam / FME	ZK	1
	l of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which a		
	e time and speaking about them. Writing in a simple way about familiar topics, reading and comprehesion of simple texts. Improvement		
2041086	Czech- Master Exam	ZK	1
2043081	English - Preparatory Course / FME g clearly what is spoken about everyday situations which a student meets at school or in his/her free time and speaking about them.	Z	2
Aim. Understandin	familiar topics. Reading and comprehension of simple texts. Improvement of professional language. European level A1 - A2		way about
2043082	German - Lower Intermediate Course		2
	rel of Common European Framework of Reference A2 Aim: Understanding clearly spoken language about everyday situations which	_	_
* *	er free time and speaking about them. Writing in a simple way about familiar topics. reading and comprehesion of simple texts. Improve		
2043083	French - Preparatory Course / FME	Z	2
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.	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: 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.	Writing in a simple	way about
	familiar topics. Reading and comprehension of simple texts. Improvement of professional language.		1
2043085	Russian - Preparatory Course / FME	Z	2
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.	writing in a simple	way about
2043086	familiar topics. Reading and comprehension of simple texts. Improvement of professional language.	Z	2
	Czech - 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.	_	_
Aiii. Oliderstalidii	familiar topics. Reading and comprehension of simple texts. Improvement of professional language.	writing in a simple	way about
2121050	Pumps for Power Engineering	Z,ZK	4
	idered for students in the master study programme of Nuclear Power Facility Engineering. Students will gain knoweledge on the funda		on of pumps
in hydraulic s	ystems and more complex overview in selecting type, construction and operation of hydrodynamic pumps that are used in the power	facility hydraulic sy	ystem.
2151005	Steam and Gas Turbines	Z,ZK	6
_	pressure and extraction steam turbines. Basic principals of energy transformations in a turbine stage. Turbine stage with a short (one		
long (three-dimens	ional effects) blade. Energy losses, polytropic and isentropic turbine efficiency. Thermodynamic analysis and design of a multi-stage s	steam and gas turb	oines. Power
0151007	control of a steam and gas turbines. Off-design operation conditions of a steam and gas turbines.	7.71/	
2151027	Thermal Cycles in Power Generation	Z,ZK	6
2151093	Reactor Physics	Z,ZK	6
2151103	Water Treatment	Z,ZK	3
2151105	Thermal Hydraulics of Nuclear Reactors I.	Z,ZK	5
2151106	Thermal Hydraulics of Nuclear Reactors II.	Z,ZK	6
2151107	Electrical Machinery	Z,ZK	3
2151110	Steam Generators and Piping Systems in NPP	Z,ZK	5
2151114	Design and Economy of Nuclear Power Systems I.	Z,ZK	6
2151116	Automation and Control in NPP	Z,ZK	4
2151122	Nuclear Fuels	Z,ZK	4
2151123	Radiation Protection	Z,ZK	4
2151126	Nuclear Safety	ZK	5
2151127	Lifetime Management of Materials and Construction	Z,ZK	3
2151127	Nuclear System Operation	ZK	3
Z10113U	Nucleal System Operation	_ ∠r\	<u> </u>

2151132	Operation of Nuclear Power Devices	Z,ZK	4
2151138	Measurement in Nuclear Engineering	Z,ZK	3
2151151	Steam boilers	Z,ZK	4
2151157	Principles of Refrigerating Technology and Heat Pumps	Z,ZK	5
2151190	Nuclear Systems I.	ZK	5
2151191	Nuclear Systems II.	Z,ZK	5
2152085	Social Aspects of Power Engineering	KZ	3
2153011	Seminar in Nuclear Energy I.	Z	1
2153012	Seminar in Nuclear Energy II.	Z	1
2153013	Seminar in Nuclear Energy III.	Z	1
2153014	Seminar in Nuclear Energy IV.	Z	1
2153023	Term Project I.	Z	4
2153024	Term Project II.	Z	4
2153025	Term Project III.	Z	4
2153988	Diploma Thesis	Z	8
2321100	Materials for nuclear energy facilities	Z,ZK	5

For updated information see http://bilakniha.cvut.cz/en/FF.html Generated: day 2025-11-30, time 06:49.