## Study plan

## Name of study plan: Applied Physiotherapy

Faculty/Institute/Others:

Department:

Branch of study guaranteed by the department: Welcome page

Garantor of the study branch:

Program of study: Applied Physiotherapy Type of study: Follow-up master full-time

Required credits: 120 Elective courses credits: 0 Sum of credits in the plan: 120

Note on the plan:

Name of the block: Compulsory courses Minimal number of credits of the block: 120

The role of the block: Z

Code of the group: F7PMF POV 21

Name of the group: Applied Physiotherapy compulsory course

Requirement credits in the group: In this group you have to gain 120 credits

Requirement courses in the group: In this group you have to complete 33 courses

Credits in the group: 120

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
F7PMFAFLM	Applied Physical Treatment Methods Leoš Navrátil, Jaroslav Pr cha, Martin Brach Leoš Navrátil Leoš Navrátil (Gar.)	ZK	2	1P	L	Z
17BOZP	Occupational Safety and Health, Fire Protection and First Aid Petr Kudrna Petr Kudrna (Gar.)	Z	0	1P	Z	Z
F7PMFCHTO	Surgery, Traumatology and Orthopedics Miroslav Bartoš, Jan B íza Miroslav Bartoš Miroslav Bartoš (Gar.)	ZK	2	2P	Z	Z
F7PMFDDPA	Differential Diagnostics of the Musculoskeletal System Martina Lopotová, Anna Macoszek Martina Lopotová Martina Lopotová (Gar.)	ZK	3	2C	Z	Z
F7PMFDS	Diploma Seminar Monika Donevová Monika Donevová (Gar.)	Z	1	18	L	Z
F7PMFEAB	Experimental and Applied Biomechanics František Lopot, Patrik Kutílek Patrik Kutílek Patrik Kutílek (Gar.)	Z,ZK	3	1P+1C	Z	Z
F7PMFFPA	Pharmacology of the Musculoskeletal System Lukáš Handl Lukáš Handl (Gar.)	ZK	2	1P+0C	L	Z
F7PMFFPRR	Physical Principles of Robotic Rehabilitation  Jaroslav Pr cha, Aleš P íhoda Aleš P íhoda Jaroslav Pr cha (Gar.)	ZK	3	2P	Z	Z
F7PMFKIPA1	Clinical Kinesiology and Pathokinesiology I Maja Špiritovi Maja Špiritovi (Gar.)	Z,ZK	5	2P+2S	Z	Z
F7PMFKIPA2	Clinical Kinesiology and Pathokinesiology II  Maja Špiritovi Maja Špiritovi (Gar.)	Z,ZK	4	2P+2S	L	Z
F7PMFKD1	Clinical Day I Martina Lopotová, Aleš P íhoda Aleš P íhoda Aleš P íhoda (Gar.)	Z	6	112XH	Z	Z
F7PMFKD2	Clinical day II  Martina Lopotová, Aleš P íhoda Martina Lopotová Aleš P íhoda (Gar.)	Z,ZK	6	112XH	Z	Z
F7PMFKRS	Components of Robotic Systems František Lopot, Patrik Kutílek Patrik Kutílek Patrik Kutílek (Gar.)	KZ	2	1P+1S	L	Z
F7PMFLYM	Lymphatic Drainage (Manual, Instrumental) Dita Hamouzová Dita Hamouzová Martina Lopotová (Gar.)	Z,ZK	3	1P+1C	Z	Z
F7PMFMDTE1	Mechanical Diagnostics and Therapy I Martina Lopotová, Veronika Fílová, Jaroslav Hák Martina Lopotová Michal íha (Gar.)	Z,ZK	4	1P+2C	Z	Z
F7PMFMDTE2	Mechanical Diagnostics and Therapy II  Martina Lopotová, Eva Nováková Martina Lopotová (Gar.)	Z,ZK	3	2P+1C	L	Z

F7PMFMDTE3	Mechanical Diagnostics and Therapy III  Martina Lopotová, Eva Nováková, Kryštof Kuba Martina Lopotová Martina  Lopotová (Gar.)	Z,ZK	4	2P+1C	Z	Z
F7PMFRM	Research Methodology Václav Navrátil <b>Václav Navrátil</b> Václav Navrátil (Gar.)	Z	2	1P	Z	Z
F7PMFNEU	Neurology Tomáš Ned Ika Tomáš Ned Ika Tomáš Ned Ika (Gar.)	Z,ZK	4	2P+1C	Z	z
F7PMFNER	Neurorehabilitation Tomáš Ned Ika Tomáš Ned Ika Tomáš Ned Ika (Gar.)	KZ	2	1P	L	Z
F7PMFOP1	Professional Practice I Vojt ch Špet (Gar.)	Z	4	320XH	L	Z
F7PMFOP2	Professional Practice II  Vojt ch Špet Vojt ch Špet (Gar.)	Z	20	400XH	L	Z
F7PMFPBML	Pathophysiology of Pain and Possibilities of Treatment Miroslav Tichý Miroslav Tichý Miroslav Tichý (Gar.)	KZ	3	1P+1C	Z	Z
F7PMFPSDV	Locomotor System of Childhood Andrea Hašková Andrea Hašková (Gar.)	ZK	2	1P	Z	Z
F7PMFPRAT	Principles of Robotically Assisted Therapy  Jaroslav Pr cha, Aleš P íhoda Jaroslav Pr cha (Gar.)	Z,ZK	3	2P+2C	L	Z
F7PMFPVMVK	Principles of Vojta's Method and Use of Developmental Kinesiology Tomáš Ned Ika Tomáš Ned Ika Tomáš Ned Ika (Gar.)	Z,ZK	3	1P+2C	L	Z
F7PMFPZDP	Preparation and Presentation of Diploma Thesis	Z	10	160XH	L	Z
F7PMFPPT	Psychology and Psychotherapy	ZK	2	1P	Z	z
F7PMFSPR	Tibor Bre ka <b>Tibor Bre ka</b> Ludmila írtková (Gar.) <b>Symptomatic Speech Disorders</b>	KZ	2	1P+1S	L	Z
F7PMFTP	Monika Donevová Monika Donevová (Gar.)  Team Project	Z	2	28	L	Z
F7PMFVZMZZ	Leoš Navrátil, Aleš P íhoda Leoš Navrátil Leoš Navrátil (Gar.)  Public Health, Management of Medical Facilities	KZ	3	2P	Z	Z
F7PMFVMTPR	Jan B íza, V ra Adámková <b>Jan B íza</b> Jan B íza (Gar.)  Use of Modern Technology in Rehabilitation	Z	3	1P+1S	Z	Z
F7PMFZMEF	Jaroslav Pr cha, Aleš P íhoda <b>Áleš P íhoda</b> Jaroslav Pr cha (Gar.)  Imaging Methods in Physiotherapy Tomáš Koutný <b>Tomáš Belšan</b> Tomáš Belšan (Gar.)	KZ	2	1P	Z	Z
F7PMFAFLM 17BOZP	Applied Physical Treatment Methods  Occupational Safety and Health, Fire Protection and First Aid				ZK Z	0
F7PMFCHTO	Surgery, Traumatology and Orthopedics				ZK	2
F7PMFDDPA F7PMFDS	Differential Diagnostics of the Musculoskeletal System Diploma Seminar				ZK Z	<u>3</u>
F7PMFEAB	Experimental and Applied Biomechanics			7	Z,ZK	3
F7PMFFPA	Pharmacology of the Musculoskeletal System				ZK	2
F7PMFFPRR	Physical Principles of Robotic Rehabilitation				ZK	3
F7PMFKIPA1	Clinical Kinesiology and Pathokinesiology I			Z	Z,ZK	5
F7PMFKIPA2	Clinical Kinesiology and Pathokinesiology II					
F7PMFKD1				Z	Z,ZK	4
	Clinical Day I				Z	4 6
F7PMFKD2	Clinical day II			Z	Z Z,ZK	4 6 6
F7PMFKD2 F7PMFKRS	Clinical day II Components of Robotic Systems			Z	Z Z,ZK KZ	4 6 6 2
F7PMFKD2 F7PMFKRS F7PMFLYM	Clinical day II Components of Robotic Systems Lymphatic Drainage (Manual, Instrumental)			Z	Z Z,ZK KZ Z,ZK	4 6 6 2 3
F7PMFKD2 F7PMFKRS F7PMFLYM F7PMFMDTE1	Clinical day II Components of Robotic Systems Lymphatic Drainage (Manual, Instrumental) Mechanical Diagnostics and Therapy I				Z Z,ZK KZ Z,ZK Z,ZK	4 6 6 2 3 4
F7PMFKD2 F7PMFKRS F7PMFLYM F7PMFMDTE1 F7PMFMDTE2	Clinical day II Components of Robotic Systems Lymphatic Drainage (Manual, Instrumental) Mechanical Diagnostics and Therapy I Mechanical Diagnostics and Therapy II				Z Z,ZK KZ Z,ZK Z,ZK Z,ZK	4 6 6 2 3 4 3
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F7PMFKD2 F7PMFKRS F7PMFLYM F7PMFMDTE1 F7PMFMDTE3 F7PMFMDTE3 F7PMFRM An overview of scient not only to the quality F7PMFNEU F7PMFNER Crucial role in regene control of lost function will be discussed that F7PMFOP1 F7PMFOP2 F7PMFPBML F7PMFPSDV F7PMFPRAT F7PMFPVMVK	Clinical day II Components of Robotic Systems Lymphatic Drainage (Manual, Instrumental) Mechanical Diagnostics and Therapy I Mechanical Diagnostics and Therapy II Mechanical Diagnostics and Therapy III Research Methodology ific methodology used in research with emphasis on proper Citation Ethics, employment of elector of the research itself, but also to its form. A tool for detection of plagiarism will be discussed with Neurology Neurorehabilitation reation from various diseases of CNS including trauma (brain and spinal cord injuries) is maintain. In Neurorehabilitation, both theoretical and clinical knowledge of influencing CNS and periphologisty.  Professional Practice I Professional Practice II Pathophysiology of Pain and Possibilities of Treatment Locomotor System of Childhood Principles of Robotically Assisted Therapy Principles of Vojta's Method and Use of Developmental Kinesiology	ith the students	asticity abi	and citation   Z   Z   Z   Z   Z   Z   Z   Z   Z	Z,ZK KZ Z,ZK Z,ZK Z,ZK Z Indexes. Care X,ZK Z,ZK Z,ZK Z,ZK Z,ZK Z,ZK Z,ZK Z,ZK	4 6 6 2 3 4 3 4 2 e will be giv 4 2 nes to gain tation proce 4 20 3 2 3 3

F7PMFTP	Team Project	Z	2
F7PMFVZMZZ	Public Health, Management of Medical Facilities	KZ	3
F7PMFVMTPR	Use of Modern Technology in Rehabilitation	Z	3
F7PMFZMEF	Imaging Methods in Physiotherapy	KZ	2

## List of courses of this pass:

Code	Name of the course	Completion	Credits
17BOZP	Occupational Safety and Health, Fire Protection and First Aid	Z	0
F7PMFAFLM	Applied Physical Treatment Methods	ZK	2
F7PMFCHTO	Surgery, Traumatology and Orthopedics	ZK	2
F7PMFDDPA	Differential Diagnostics of the Musculoskeletal System	ZK	3
F7PMFDS	Diploma Seminar	Z	1
F7PMFEAB	Experimental and Applied Biomechanics	Z,ZK	3
F7PMFFPA	Pharmacology of the Musculoskeletal System	ZK	2
F7PMFFPRR	Physical Principles of Robotic Rehabilitation	ZK	3
F7PMFKD1	Clinical Day I	Z	6
F7PMFKD2	Clinical day II	Z,ZK	6
F7PMFKIPA1	Clinical Kinesiology and Pathokinesiology I	Z,ZK	5
F7PMFKIPA2	Clinical Kinesiology and Pathokinesiology II	Z,ZK	4
F7PMFKRS	Components of Robotic Systems	KZ	2
F7PMFLYM	Lymphatic Drainage (Manual, Instrumental)	Z,ZK	3
F7PMFMDTE1	Mechanical Diagnostics and Therapy I	Z,ZK	4
CZDN/CN/DTCO	Mechanical Diagnostics and Therapy II	Z,ZK	3
F/PIVIFIVID I EZ	Modification Diagnostics and Thorapy in		
F7PMFMDTE3 F7PMFNER	Mechanical Diagnostics and Therapy III  Neurorehabilitation	Z,ZK KZ	4 2
Crucial role in regeneration control of lost function. In Neu	Mechanical Diagnostics and Therapy III	Z,ZK  KZ ability of certain CNS neuron	4 2 es to gain
F7PMFMDTE3 F7PMFNER Crucial role in regeneration	Mechanical Diagnostics and Therapy III  Neurorehabilitation from various diseases of CNS including trauma (brain and spinal cord injuries) is maintained by neuroplasticity rorehabilitation, both theoretical and clinical knowledge of influencing CNS and peripheral nerve regeneration a will be discussed thoroughly.  Neurology	Z,ZK  KZ ability of certain CNS neuron	4 2 es to gain
F7PMFMDTE3 F7PMFNER Crucial role in regeneration control of lost function. In Neu	Mechanical Diagnostics and Therapy III  Neurorehabilitation from various diseases of CNS including trauma (brain and spinal cord injuries) is maintained by neuroplasticity rorehabilitation, both theoretical and clinical knowledge of influencing CNS and peripheral nerve regeneration a will be discussed thoroughly.	Z,ZK KZ ability of certain CNS neuron	4 2 es to gain ion process
F7PMFMDTE3 F7PMFNER Crucial role in regeneration control of lost function. In Neu	Mechanical Diagnostics and Therapy III  Neurorehabilitation from various diseases of CNS including trauma (brain and spinal cord injuries) is maintained by neuroplasticity rorehabilitation, both theoretical and clinical knowledge of influencing CNS and peripheral nerve regeneration a will be discussed thoroughly.  Neurology	Z,ZK  KZ ability of certain CNS neuron and thus efficacy of rehabilitat  Z,ZK  Z	4 2 es to gain ion process
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F7PMFMDTE3 F7PMFNER Crucial role in regeneration control of lost function. In Neu F7PMFNEU F7PMFOP1 F7PMFOP2	Mechanical Diagnostics and Therapy III  Neurorehabilitation  from various diseases of CNS including trauma (brain and spinal cord injuries) is maintained by neuroplasticity rorehabilitation, both theoretical and clinical knowledge of influencing CNS and peripheral nerve regeneration a will be discussed thoroughly.  Neurology  Professional Practice I  Professional Practice II	Z,ZK  KZ ability of certain CNS neuron and thus efficacy of rehabilitat  Z,ZK  Z	4 2 es to gain ion process 4 4 20
F7PMFMDTE3 F7PMFNER Crucial role in regeneration control of lost function. In Neu F7PMFNEU F7PMFOP1 F7PMFOP2 F7PMFPBML	Mechanical Diagnostics and Therapy III  Neurorehabilitation  from various diseases of CNS including trauma (brain and spinal cord injuries) is maintained by neuroplasticity rorehabilitation, both theoretical and clinical knowledge of influencing CNS and peripheral nerve regeneration a will be discussed thoroughly.  Neurology  Professional Practice I  Professional Practice II  Pathophysiology of Pain and Possibilities of Treatment	Z,ZK  KZ ability of certain CNS neuron and thus efficacy of rehabilitat  Z,ZK  Z  KZ	4 2 es to gain ion process 4 4 20 3
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