

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 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 Anna Macoszek Martina Lopotová (Gar.)	ZK	3	2C	Z	Z
F7PMFDS	Diploma Seminar Monika Donevová Monika Donevová Monika Donevová (Gar.)	Z	1	1S	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 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 Maja Špiritovi (Gar.)	Z,ZK	5	2P+2S	Z	Z
F7PMFKIPA2	Clinical Kinesiology and Pathokinesiology II Maja Špiritovi 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 Filová, 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 Martina Lopotová (Gar.)	Z,ZK	3	2P+1C	L	Z

F7PMFMDTE3	Mechanical Diagnostics and Therapy III <i>Martina Lopotová, Eva Nováková, Kryštof Kuba Martina Lopotová Martina Lopotová (Gar.)</i>	Z,ZK	4	2P+1C	Z	z
F7PMFRM	Research Methodology <i>Václav Navrátil Václav Navrátil Václav Navrátil (Gar.)</i>	Z	2	1P	Z	z
F7PMFNEU	Neurology <i>Tomáš Ned Ika Tomáš Ned Ika Tomáš Ned Ika (Gar.)</i>	Z,ZK	4	2P+1C	Z	z
F7PMFNER	Neurorehabilitation <i>Tomáš Ned Ika Tomáš Ned Ika Tomáš Ned Ika (Gar.)</i>	KZ	2	1P	L	z
F7PMFOP1	Professional Practice I <i>Vojt ch Špet (Gar.)</i>	Z	4	320XH	L	z
F7PMFOP2	Professional Practice II <i>Vojt ch Špet Vojt ch Špet (Gar.)</i>	Z	20	400XH	L	z
F7PMFPBML	Pathophysiology of Pain and Possibilities of Treatment <i>Miroslav Tichý Miroslav Tichý Miroslav Tichý (Gar.)</i>	KZ	3	1P+1C	Z	z
F7PMFPSDV	Locomotor System of Childhood <i>Andrea Hašková Andrea Hašková Andrea Hašková (Gar.)</i>	ZK	2	1P	Z	z
F7PMFPRAT	Principles of Robotically Assisted Therapy <i>Jaroslav Pr cha, Aleš P íhoda Aleš P íhoda Jaroslav Pr cha (Gar.)</i>	Z,ZK	3	2P+2C	L	z
F7PMFVVMVK	Principles of Vojta's Method and Use of Developmental Kinesiology <i>Tomáš Ned Ika Tomáš Ned Ika Tomáš Ned Ika (Gar.)</i>	Z,ZK	3	1P+2C	L	z
F7PMFPZDP	Preparation and Presentation of Diploma Thesis	Z	10	160XH	L	z
F7PMFPPT	Psychology and Psychotherapy <i>Tibor Bre ka Tibor Bre ka Ludmila írtková (Gar.)</i>	ZK	2	1P	Z	z
F7PMFSPR	Symptomatic Speech Disorders <i>Monika Donevová Monika Donevová Monika Donevová (Gar.)</i>	KZ	2	1P+1S	L	z
F7PMFTP	Team Project <i>Leoš Navrátil, Aleš P íhoda Leoš Navrátil Leoš Navrátil (Gar.)</i>	Z	2	2S	L	z
F7PMFVZMZZ	Public Health, Management of Medical Facilities <i>Jan B íza, V ra Adámková Jan B íza Jan B íza (Gar.)</i>	KZ	3	2P	Z	z
F7PMFVMTPR	Use of Modern Technology in Rehabilitation <i>Jaroslav Pr cha, Aleš P íhoda Aleš P íhoda Jaroslav Pr cha (Gar.)</i>	Z	3	1P+1S	Z	z
F7PMFZMEF	Imaging Methods in Physiotherapy <i>Tomáš Koutný Tomáš Koutný Tomáš Belšan (Gar.)</i>	KZ	2	1P	Z	z

Characteristics of the courses of this group of Study Plan: Code=F7PMF POV 21 Name=Applied Physiotherapy compulsory course

F7PMFAFLM	Applied Physical Treatment Methods	ZK	2
17BOZP	Occupational Safety and Health, Fire Protection and First Aid	Z	0
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
F7PMFKIPA1	Clinical Kinesiology and Pathokinesiology I	Z,ZK	5
F7PMFKIPA2	Clinical Kinesiology and Pathokinesiology II	Z,ZK	4
F7PMFKD1	Clinical Day I	Z	6
F7PMFKD2	Clinical day II	Z,ZK	6
F7PMFKRS	Components of Robotic Systems	KZ	2
F7PMFLYM	Lymphatic Drainage (Manual, Instrumental)	Z,ZK	3
F7PMFMDTE1	Mechanical Diagnostics and Therapy I	Z,ZK	4
F7PMFMDTE2	Mechanical Diagnostics and Therapy II	Z,ZK	3
F7PMFMDTE3	Mechanical Diagnostics and Therapy III	Z,ZK	4
F7PMFRM	Research Methodology	Z	2
An overview of scientific methodology used in research with emphasis on proper Citation Ethics, employment of electronic sources, databases and citation indexes. Care will be given not only to the quality of the research itself, but also to its form. A tool for detection of plagiarism will be discussed with the students.			
F7PMFNEU	Neurology	Z,ZK	4
F7PMFNER	Neurorehabilitation	KZ	2
Crucial role in regeneration from various diseases of CNS including trauma (brain and spinal cord injuries) is maintained by neuroplasticity ability of certain CNS neurones to gain control of lost function. In Neurorehabilitation, both theoretical and clinical knowledge of influencing CNS and peripheral nerve regeneration and thus efficacy of rehabilitation process will be discussed thoroughly.			
F7PMFOP1	Professional Practice I	Z	4
F7PMFOP2	Professional Practice II	Z	20
F7PMFPBML	Pathophysiology of Pain and Possibilities of Treatment	KZ	3
F7PMFPSDV	Locomotor System of Childhood	ZK	2
F7PMFPRAT	Principles of Robotically Assisted Therapy	Z,ZK	3
F7PMFVVMVK	Principles of Vojta's Method and Use of Developmental Kinesiology	Z,ZK	3
F7PMFPZDP	Preparation and Presentation of Diploma Thesis	Z	10
F7PMFPPT	Psychology and Psychotherapy	ZK	2
F7PMFSPR	Symptomatic Speech Disorders	KZ	2

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
F7PMFMDTE2	Mechanical Diagnostics and Therapy II	Z,ZK	3
F7PMFMDTE3	Mechanical Diagnostics and Therapy III	Z,ZK	4
F7PMFNER	Neurorehabilitation	KZ	2
Crucial role in regeneration from various diseases of CNS including trauma (brain and spinal cord injuries) is maintained by neuroplasticity ability of certain CNS neurones to gain control of lost function. In Neurorehabilitation, both theoretical and clinical knowledge of influencing CNS and peripheral nerve regeneration and thus efficacy of rehabilitation process will be discussed thoroughly.			
F7PMFNEU	Neurology	Z,ZK	4
F7PMFOP1	Professional Practice I	Z	4
F7PMFOP2	Professional Practice II	Z	20
F7PMFPBML	Pathophysiology of Pain and Possibilities of Treatment	KZ	3
F7PMFPPT	Psychology and Psychotherapy	ZK	2
F7PMFPRAT	Principles of Robotically Assisted Therapy	Z,ZK	3
F7PMFPSDV	Locomotor System of Childhood	ZK	2
F7PMFPMVK	Principles of Vojta's Method and Use of Developmental Kinesiology	Z,ZK	3
F7PMFPZDP	Preparation and Presentation of Diploma Thesis	Z	10
F7PMFRM	Research Methodology	Z	2
An overview of scientific methodology used in research with emphasis on proper Citation Ethics, employment of electronic sources, databases and citation indexes. Care will be given not only to the quality of the research itself, but also to its form. A tool for detection of plagiarism will be discussed with the students.			
F7PMFSPR	Symptomatic Speech Disorders	KZ	2
F7PMFTP	Team Project	Z	2
F7PMFVMTPR	Use of Modern Technology in Rehabilitation	Z	3
F7PMFVZMZZ	Public Health, Management of Medical Facilities	KZ	3
F7PMFZMEF	Imaging Methods in Physiotherapy	KZ	2

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

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