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 Průcha, 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 Bříza* ***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*** *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 Průcha, Aleš Příhoda* ***Aleš Příhoda*** *Jaroslav Průcha (Gar.)*	ZK	3	2P	Z	z
F7PMFKIPA1	**Clinical Kinesiology and Pathokinesiology I** *Maja Špiritović* ***Maja Špiritović*** *Maja Špiritović (Gar.)*	Z,ZK	5	2P+2S	Z	z
F7PMFKIPA2	**Clinical Kinesiology and Pathokinesiology II** *Maja Špiritović* ***Maja Špiritović*** *Maja Špiritović (Gar.)*	Z,ZK	4	2P+2S	L	z
F7PMFKD1	**Clinical Day I** *Martina Lopotová, Aleš Příhoda* ***Aleš Příhoda*** *Aleš Příhoda (Gar.)*	Z	6	112XH	Z	z
F7PMFKD2	**Clinical day II** *Martina Lopotová, Aleš Příhoda* ***Martina Lopotová*** *Aleš Příhoda (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 Říha (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** *Martina Lopotová, Eva Nováková, Kryštof Kuba* ***Martina Lopotová*** *Martina Lopotová (Gar.)*	Z,ZK	4	2P+1C	Z	z
F7PMFRM	**Research Methodology** *Václav Navrátil* ***Václav Navrátil*** *Václav Navrátil (Gar.)*	Z	2	1P	Z	z
F7PMFNEU	**Neurology** *Tomáš Nedělka* ***Tomáš Nedělka*** *Tomáš Nedělka (Gar.)*	Z,ZK	4	2P+1C	Z	z
F7PMFNER	**Neurorehabilitation** *Tomáš Nedělka* ***Tomáš Nedělka*** *Tomáš Nedělka (Gar.)*	KZ	2	1P	L	z
F7PMFOP1	**Professional Practice I** *Vojtěch Špet (Gar.)*	Z	4	320XH	L	z
F7PMFOP2	**Professional Practice II** ***Vojtěch Špet*** *Vojtěch 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*** *Andrea Hašková (Gar.)*	ZK	2	1P	Z	z
F7PMFPRAT	**Principles of Robotically Assisted Therapy** *Jaroslav Průcha, Aleš Příhoda* ***Aleš Příhoda*** *Jaroslav Průcha (Gar.)*	Z,ZK	3	2P+2C	L	z
F7PMFPVMVK	**Principles of Vojta's Method and Use of Developmental Kinesiology** *Tomáš Nedělka* ***Tomáš Nedělka*** *Tomáš Nedělka (Gar.)*	Z,ZK	3	1P+2C	L	z
F7PMFPZDP	**Preparation and Presentation of Diploma Thesis**	Z	10	160XH	L	z
F7PMFPPT	**Psychology and Psychotherapy** *Tibor Brečka* ***Tibor Brečka*** *Ludmila Čírtková (Gar.)*	ZK	2	1P	Z	z
F7PMFSPR	**Symptomatic Speech Disorders** *Monika Donevová* ***Monika Donevová*** *Monika Donevová (Gar.)*	KZ	2	1P+1S	L	z
F7PMFTP	**Team Project** *Leoš Navrátil, Aleš Příhoda* ***Leoš Navrátil*** *Leoš Navrátil (Gar.)*	Z	2	2S	L	z
F7PMFVZMZZ	**Public Health, Management of Medical Facilities** *Jan Bříza, Věra Adámková* ***Jan Bříza*** *Jan Bříza (Gar.)*	KZ	3	2P	Z	z
F7PMFVMTPR	**Use of Modern Technology in Rehabilitation** *Jaroslav Průcha, Aleš Příhoda* ***Aleš Příhoda*** *Jaroslav Průcha (Gar.)*	Z	3	1P+1S	Z	z
F7PMFZMEF	**Imaging Methods in Physiotherapy** *Tomáš Koutný* ***Tomáš Belšan*** *Tomáš Belšan (Gar.)*	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
F7PMFPVMVK	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
F7PMFPVMVK	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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