

CURRICULUM: Physiotherapy M.Sc. 2018/2019
Year 1

#	Course	Coordinator	Semester	Total contact hours	Lectures	Practicals A	Practicals C	Seminars	Self-education	ECTS	Pass/Fail or Examination
1	Occupational Health and Safety	mgr A. Radek	1	7	7	0	0	0	0	0	Pass/Fail
2	Library Use Instruction	mgr R. Hajduk	1	2	0	0	0	2	0	0	Pass/Fail
3	Gross Anatomy	prof. dr hab. M. Bruska	1	45	15	0	30	0	15	2	Examination
4	X-Ray Anatomy	dr K. Jończyk-Potoczna	2	25	5	0	20	0	5	1	Pass/Fail
5	Medical Biology	dr hab. M. Kotwicka	1	22	10	0	12	0	8	1	Pass/Fail
6	Physiology	prof. dr. hab. H. Krauss	1	50	15	35	0	0	10	2	Examination
7	Biological Bases of Physical Exercise	dr J. Nikisch	2	25	5	0	0	20	5	1	Pass/Fail
8	Genetics	dr hab. M. Kotwicka	2	23	8	15	0	0	2	1	Pass/Fail
9	Biochemistry	prof. dr hab. K. Wiktorowicz	1	35	15	0	20	0	15	2	Pass/Fail
10	Motor Teaching	prof. dr hab. W. Samborski	1	80	5	35	20	20	20	4	Examination
11	Introduction to Kinesiotherapy	prof. UM dr hab. P. Lisiński	1	50	10	0	0	40	10	2	Pass/Fail
12	Introduction to Physiotherapy	prof. dr hab. W. Samborski	1	50	10	0	0	40	10	2	Pass/Fail
13	Physiotherapy	prof. dr hab. W. Samborski	2	60	20	0	40	0	15	3	Pass/Fail
14	Kinesiotherapy I	prof. dr hab. W. Samborski	1	60	20	25	15	0	15	3	Pass/Fail
15	Therapeutic Massage	prof. dr hab. W. Samborski	1	50	10	0	40	0	10	2	Pass/Fail
16	Manual Lymphatic Drainage	prof. dr hab. P. Chęciński	2	25	4	0	15	6	5	1	Pass/Fail
17	Motor Skills Training	dr J. Przybylski	1	40	0	30	0	10	10	2	Pass/Fail
18	Public Health I	Prof. dr hab. J. Wysocki	1, 2	25	5	0	0	20	5	1	Pass/Fail
19	Preventive Physiotherapy and Health Promotion	prof. dr hab. T. Kotwicki	1	50	10	0	40	0	6	2	Pass/Fail
20	Gait Analysis	prof. dr hab. M. Józwiak	2	25	0	0	20	5	5	1	Pass/Fail
21	Stabilometry	prof. UM dr hab. P. Lisiński	2	25	5	0	20	0	5	1	Pass/Fail
22	Posture Diagnostics	prof. dr hab. T. Kotwicki	2	25	0	0	15	10	5	1	Pass/Fail
23	Functional Development of Human	prof. dr hab. M. Józwiak	1	25	0	20	0	5	5	1	Examination
24	Didactic Methods in Physiotherapy	prof. UM dr hab. P. Lisiński	1, 2	35	6	0	13	16	5	1	Pass/Fail
25	Bioethics	Prof. dr hab. M. Musielak	1	25	7	0	0	18	5	1	Pass/Fail
26	Biophysics	dr hab. M. Kotwicka	1	20	10	0	10	0	5	1	Pass/Fail
27	Kinesiology	prof. dr hab. W. Samborski	1	45	8	25	0	12	15	2	Examination

28	First Aid	lek. W. Telec		25	0	0	20	5	5	1	Pass/Fail
29	Laboratory Medicine	prof. dr hab. W. Samborski	1	40	15	25	0	0	10	2	Pass/Fail
30	Balneoclimatology	prof. dr hab. W. Samborski	2	20	9	5	0	6	10	1	Pass/Fail
31	Psychology	prof. dr hab. E. Mojs		60	15	20	0	25	15	3	Pass/Fail
32	Pedagogy	prof. dr hab. R. Marciniak		50	10	0	0	40	10	2	Pass/Fail
33	Sociology	Prof. dr hab. M. Musielak	1	50	10	0	0	40	10	2	Pass/Fail
34	Demography and Epidemiology	Prof. dr hab. J. Wysocki, Prof. Dr hab. M. Musielak	1	25	7	0	0	18	5	1	Pass/Fail
35	Philosophy	Prof. dr hab. M. Musielak		25	5	0	0	20	5	1	Pass/Fail
36	History of Rehabilitation	Prof. dr hab. M. Musielak		25	5	0	0	20	5	1	Pass/Fail
37	Foreign Language	dr D. Nowosadko	1	50	0	0	50	0	10	2	Pass/Fail
38	Physical Training	dr J. Przybylski	1	25	0	25	0	0	5	0	Pass/Fail
39	Elementary placement	prof. UM dr hab. P. Lisiński		90						3	Pass/Fail
	Total			1434	286	260	400	398	306	60	5

Year 2

#	Course	Coordinator	Semester	Total contact hours	Lectures	Practicals A	Practicals C	Seminars	Self-education	ECTS	Pass/Fail or Examination
1	Functional Anatomy	prof. dr hab. W. Samborski		50	15	35	0	0	10	2	Pass/Fail
2	Palpative Anatomy	prof. dr hab. W. Samborski, prof. dr hab. T. Kotwicki		50	10	0	40	0	10	2	Examination
3	Biomechanics	prof. dr hab. W. Samborski		65	20	30	0	15	25	3	Examination
4	Kinesiotherapy II	prof. dr hab. W. Samborski		80	15	15	30	20	20	4	Examination
5	Clinical Bases of Intensive Care	dr hab. Z. Żaba		25	5	0	10	10	5	1	Pass/Fail
6	Clinical Bases and Physiotherapy in Geriatrics	Prof. UM dr hab. M. Pawlaczyk		60	15	0	30	15	15	3	Pass/Fail
7	Clinical Bases and Physiotherapy in Rheumatology	prof. dr hab. W. Samborski		70	15	0	40	15	20	3	Pass/Fail
8	Clinical Bases and Physiotherapy in Gynecology and Obstetrics	Prof. dr hab. M. Wilczak		55	5	0	40	10	20	3	Pass/Fail
9	Clinical Bases and Physiotherapy in Psychiatry	prof. dr hab. A. Rajewski		55	15	0	20	20	20	3	Pass/Fail
10	Physiotherapy in Neonatology	prof. dr hab. W. Samborski		25	5	0	20	0	5	1	Pass/Fail

11	Neurophysiological Basis for Pediatric Physiotherapy	prof. dr hab. B. Steinborn		25	5	0	20	0	5	1	Pass/Fail
12	General Pathology	prof. dr hab. A. Bręborowicz		40	15	25	0	0	10	2	Examination
13	Immunology	dr hab. Z. Żaba		25	5	0	0	20	5	1	Pass/Fail
14	Clinical Physical Therapy	prof. UM dr hab. P Lisiński		50	10	0	30	10	10	2	Examination
15	Physiology of Pain and Pharmacotherapy	prof. dr hab. W. Samborski, dr hab. M. Kotwicka		45	0	20	0	25	10	2	Pass/Fail
16	Clinical Bases and Physiotherapy in Cardiology I	Prof A. Szyszka		55	10	0	30	15	20	3	Pass/Fail
17	Clinical Bases and Physiotherapy in Pulmonology	prof. dr hab. H. Batura-Gabryel		35	5	0	20	10	15	2	Pass/Fail
18	Physiotherapy in Palliative Care	prof. dr hab. K. Wieczorowska-Tobis		35	5	0	20	10	15	2	Pass/Fail
19	Clinical Bases and Physiotherapy in Oncology	prof. dr hab. A. Roszak		25	5	0	20	0	5	1	Pass/Fail
20	Clinical Bases and Physiotherapy in Pediatrics	prof. UM dr hab. A. Kędzia		45	15	0	30	0	15	2	Pass/Fail
21	Neurophysiology	prof. dr hab. B. Steinborn		25	10	0	15	0	5	1	Examination
22	Clinical Bases and Physiotherapy in Traumatology	dr hab. Ł. Kubaszewski		20	5	0	15	0	5	1	Pass/Fail
23	Functional Diagnostics in Internal Medicine	prof. dr hab. W. Samborski, Prof. dr hab. D. Pupek-Musial		70	20	0	30	20	30	4	Pass/Fail
24	Active Rehabilitation	prof. dr hab. W. Samborski		40	10	10	20	0	10	2	Pass/Fail
25	Prosthetics and Orthotics	prof. dr hab. M. Józwiak		45	10	0	25	10	15	2	Pass/Fail
26	Foreign Language	dr D. Nowosadko		50	0	0	50	0	10	2	Pass/Fail
27	Placement (Kinesiotherapy)	prof. UM dr hab. P Lisiński		150						5	Pass/Fail
	Total			1315	250	135	555	225	335	60	6

#	Course	Coordinator	Semester	Total contact hours	Lectures	Practicals A	Practicals C	Seminars	Self-education	ECTS	Pass/Fail or Examination
1	Functional Diagnostics and Rehabilitation Planning in Pediatric Neurology	prof. dr hab. B. Steinborn		45	5	0	30	10	15	2	Pass/Fail
2	Diagnostics and Rehabilitation of Children with Developmental Disorders	prof. dr hab. W. Samborski		80	15	0	45	20	20	4	Examination
3	Functional Diagnostics of Gait in Children	prof. dr hab. M. Józwiak		40	5	0	20	15	20	2	Pass/Fail
4	Rehabilitation Programming with the Use of Imaging Techniques	prof. UM dr hab. P Lisiński		50	10	10	20	10	10	2	Examination
5	Rehabilitation Programming in Nephrology	prof. dr hab. W. Samborski		20	10	0	10	0	5	1	Pass/Fail
6	Rehabilitation Programming in Gastroenterology	prof. dr hab. A. Dobrowolska		20	10	0	10	0	5	1	Pass/Fail
7	Rehabilitation Programming in Metabolic Diseases	prof. dr hab. W. Samborski		40	10	0	20	10	10	2	Pass/Fail
8	Sports Medicine	dr hab. T. Piontek		20	5	0	15	0	5	1	Pass/Fail
9	Rehabilitation Programming in Phoniatics and Laryngology	dr hab. P. Świdziński		25	5	0	10	10	5	1	Pass/Fail
10	Rehabilitation Programming in Diabetology	Prof. dr hab. D. Pupek-Musialik		40	10	0	20	10	10	2	Pass/Fail
11	Rehabilitation Programming in Dermatology	dr hab. Z. Żaba		40	10	0	20	10	10	2	Pass/Fail
12	Clinical Bases and Physiotherapy in Cardiology II	Prof. dr hab. T. Siminiak		60	15	0	30	15	15	3	Examination
13	Clinical Bases and Physiotherapy in Neurology	prof. dr hab. B. Steinborn		60	10	0	40	10	15	3	Examination
14	Clinical Bases and Physiotherapy in Upper Limb Rehabilitation	Prof. dr hab. L. Romanowski		50	10	0	30	10	10	2	Pass/Fail
15	Spondyloorthopedics	dr hab. Ł. Kubaszewski		60	10	0	40	10	15	3	Pass/Fail
16	Clinical Bases and Physiotherapy in Lower Limb Rehabilitation	dr hab. W. Strzyżewski		35	15	0	20	0	15	2	Pass/Fail

17	Clinical Bases and Physiotherapy in Neurosurgery	prof. dr hab. W. Liebert		35	15	0	20	0	15	2	Pass/Fail
18	Clinical Bases and Physiotherapy in Surgery	prof. dr hab. P. Chęciński		60	15	0	30	15	15	3	Pass/Fail
19	Adolescent Orthopedics	prof. dr hab. T. Kotwicki		45	5	0	30	10	10	2	Pass/Fail
20	Treatment of Posture Defects	prof. dr hab. T. Kotwicki		45	10	0	25	10	15	2	Pass/Fail
21	Treatment Planning in Pulmonology	prof. dr hab. H. Batura-Gabryel		40	5	15	20	0	10	2	Pass/Fail
22	Methodology of Scientific Research	dr hab. M. Kotwicka		25	0	15	0	10	5	1	Pass/Fail
23	Special Methods in Physiotherapy	prof. dr hab. W. Samborski		160	20	30	90	20	40	8	Examination
24	Biotechnology in Treatment of Locomotor System Disorders	dr hab. M. Kotwicka		25	0	0	0	25	5	1	Pass/Fail
25	Advanced Foreign Language	dr D. Nowosadko		50	0	0	50	0	10	2	Pass/Fail
26	Placement (Children and Adult Physiotherapy)	prof. UM dr hab. P Lisiński		180						6	Pass/Fail
	Total			1350	225	70	645	230	310	62	5

Year 4

Core courses:

#	Course	Coordinator	Semester	Total contact hours	Lectures	Practicals A	Practicals C	Seminars	Self-education	ECTS	Pass/Fail or Examination
1	Functionality after Spinal Cord Injuries	prof. dr hab. W. Samborski		45	5	0	30	10	15	2	Examination
2	Rehabilitation Planning in Spine Overload Syndromes	prof. UM dr hab. P Lisiński		50	10	10	20	10	10	2	Examination
3	Rehabilitation Planning with the Use of Medical Electrodiagnostics	Prof. dr hab. J. Huber		50	10	10	20	10	10	2	Pass/Fail

4	Functional Diagnostics and Physiotherapy Planning in Pediatric Orthopedics	prof. dr hab. M. Józwiak, prof. dr hab. T. Kotwicki		25	5	0	20	0	5	1	Examination
5	Rehabilitation Planning in Limb Overload Syndromes	prof. UM dr hab. P Lisiński		50	10	10	20	10	10	2	Pass/Fail
6	Diagnostics and Treatment of Scoliosis	prof. dr hab. T. Kotwicki		50	10	10	20	10	10	2	Pass/Fail
7	Manual Therapy	prof. dr hab. W. Samborski		50	0	10	25	15	10	2	Examination
8	Physiotherapy Planning in Neurology	prof. UM dr hab. P Lisiński		50	10	10	20	10	10	2	Pass/Fail
9	Methodology of Scientific Research II	prof. dr hab. W. Samborski		25	0	15	0	10	5	1	Pass/Fail
10	Statistics in Medicine	dr hab. M. Kotwicka		20	5	15	0	0	5	1	Pass/Fail
11	Advanced Foreign Language	dr D. Nowosadko		50	0	0	50	0	10	2	Examination
12	Sport Activities for Disabled Persons	dr J. Przybylski		50	0	15	20	15	10	2	Pass/Fail
13	Seminars for Master's Thesis			0						5	Pass/Fail
14	Placement (Children and Adult Physiotherapy)	prof. UM dr hab. P Lisiński		180						6	Pass/Fail
	Total			695	65	105	245	100	110	32	5

Neurological Pathway - Winter Semester

#	Course	Coordinator	Semester	Total contact hours	Lectures	Practicals A	Practicals C	Seminars	Self-education	ECTS	Pass/Fail or Examination
1	Physiotherapy in Neurodegenerative Diseases	prof. dr hab. B. Steinborn	1	25	0	0	20	5	5	1	Pass/Fail
2	Post-Stroke Rehabilitation	prof. UM dr hab. P Lisiński	1	25	0	0	20	5	5	1	Pass/Fail
3	Communication Techniques of People with Higher Nervous Activity Disorders	prof. dr hab. W. Samborski	1	25	5	0	20	0	5	1	Pass/Fail
4	Neuro-reflex Techniques in Children	prof. dr hab. W. Samborski	1	50	10	0	30	10	10	2	Pass/Fail

5	Neuro-reflex Techniques in Adults	prof. dr hab. W. Samborski	1	50	10	0	30	10	10	2	Pass/Fail
6	Physiotherapy of Pain in Neurological Diseases	prof. dr hab. W. Samborski	1	50	10	0	30	10	10	2	Pass/Fail
7	Neurophysiological Diagnosis	dr hab. M. Zgorzalewicz-Stachowiak	1	50	10	10	30	0	10	2	Pass/Fail
8	Sign Language	prof. dr hab. W. Samborski	1	25	5	0	20	0	5	1	Pass/Fail
9	Brain Plasticity	prof. dr hab. B. Steinborn	1	20	0	20	0	0	5	1	Pass/Fail
10	Occupational Therapy and Art Therapy	Prof. UM dr hab. M. Pawlaczyk	1	25	5	0	20	0	5	1	Pass/Fail
11	Clinical Neuropsychology with Neurological Speech Therapy	prof. dr hab. E. Mojs	1	25	5	0	20	0	5	1	Pass/Fail
	Total		1	370	60	30	240	40	75	15	0

Orthopedic Pathway - Winter Semester

#	Course	Coordinator	Semester	Total contact hours	Lectures	Practicals A	Practicals C	Seminars	Self-education	ECTS	Pass/Fail or Examination
1	Physiotherapy of Pain in Orthopedics	prof. dr hab. W. Samborski	1	50	10	0	30	10	10	2	Pass/Fail
2	Joint Manipulation and Mobilisation	prof. UM dr hab. P Lisiński	1	50	10	0	30	10	10	2	Pass/Fail
3	Diagnostics and Rehabilitation of Knee Joint	prof. dr hab. W. Samborski	1	50	10	0	30	10	10	2	Pass/Fail
4	Diagnostics and Rehabilitation of Feet	prof. dr hab. W. Samborski	1	25	5	5	15	0	5	1	Pass/Fail
5	Physiotherapy in Entrapment Neuropathies of Limbs	Prof. dr hab. L. Romanowski	1	25	5	0	20	0	5	1	Pass/Fail
6	Physiotherapy Algorithms after Orthopedic Procedures	prof. dr hab. J. Kruczyński	1	50	10	0	30	10	10	2	Pass/Fail
7	Palpative Anatomy II	prof. dr hab. T. Kotwicki	1	50	10	0	30	10	10	2	Pass/Fail
8	Physiotherapy before Spine Surgery	dr hab. Ł. Kubaszewski	1	25	5	0	10	10	5	1	Pass/Fail
9	Oncological Orthopedics and Traumatology of Adults	dr hab. W. Strzyzewski	1	40	10	0	20	10	10	2	Pass/Fail
	Total		1	365	75	5	215	70	75	15	0

Sports Pathway - Summer Semester

#	Course	Coordinator	Semester	Total contact hours	Lectures	Practicals A	Practicals C	Seminars	Self-education	ECTS	Pass/Fail or Examination
1	Sports Physiology and Pathophysiology	prof. dr. hab. H. Krauss	2	50	15	0	20	15	10	2	Pass/Fail
2	Ethics and Deontology. Doping in Sport	prof. dr hab. M. Musielak	2	25	5	0	0	20	5	1	Pass/Fail
3	Sports Training	dr hab. T. Piontek	2	70	15	0	40	15	20	3	Pass/Fail
4	Dietetics in Sports	dr hab. R. Wójciak	2	25	5	0	0	20	5	1	Pass/Fail
5	Functional Diagnostics and Rehabilitation Programming in Sports Medicine	prof. dr hab. T. Kotwicki	2	25	0	0	20	5	5	1	Pass/Fail
6	Objective Assessment of Sports Training Effects	dr J. Przybylski	2	25	0	0	20	5	5	1	Pass/Fail
7	Special Methods of Physiotherapy in Sports Medicine	dr hab. T. Piontek	2	25	0	0	20	5	5	1	Pass/Fail
8	Physiotherapy in Selected Sport Disciplines	dr hab. T. Piontek	2	25	0	0	20	5	5	1	Pass/Fail
9	Fitness	dr J. Przybylski	2	25	0	0	20	5	5	1	Pass/Fail
10	Sports Traumatology	prof. dr hab. L. Romanowski	2	50	15	0	20	15	10	2	Pass/Fail
11	Sports and Leisure Activities for Disabled Persons	dr J. Przybylski	2	20	0	0	15	5	5	1	Pass/Fail
	Total		2	365	55	0	195	115	80	15	0

Scientific Pathway - Summer Semester

#	Course	Coordinator	Semester	Total contact hours	Lectures	Practicals A	Practicals C	Seminars	Self-education	ECTS	Pass/Fail or Examination
1	Elements of Professionalism in Research	prof. dr hab. R. Marciniak	2	50	10	0	0	40	10	2	Pass/Fail
2	Neurobiology	dr hab. M. Kotwicka	2	40	0	15	0	25	10	2	Pass/Fail
3	Managing of Research Project	dr hab. M. Kotwicka	2	20	0	0	0	20	5	1	Pass/Fail
4	Validation of Research Findings	dr hab. M. Kotwicka	2	20	0	5	15	0	5	1	Pass/Fail
5	New Techniques of Motor Assessment Physiotherapy	prof. UM dr hab. P Lisiński	2	20	0	0	15	5	10	1	Pass/Fail
6	Objective Assessment of Soft Tissue's Structure and Function Disorders	prof. UM dr hab. P Lisiński	2	45	5	0	25	15	15	2	Pass/Fail
7	Objective Assessment of Functional and Motor Disorders	prof. UM dr hab. P Lisiński	2	50	10	10	30	0	15	2	Pass/Fail
8	Medical Electrodiagnostics	dr hab. M. Zgorzalewicz-Stachowiak	2	50	10	10	30	0	10	2	Pass/Fail
9	Objective Assessment of Balance Disorders in Physiotherapy Practice	prof. UM dr hab. P Lisiński	2	50	10	10	30	0	15	2	Pass/Fail
	Total		2	345	45	50	145	105	95	15	0

Year 5

#	Course	Coordinator	Semester	Total contact hours	Lectures	Practicals A	Practicals C	Seminars	Self-education	ECTS	Pass/Fail or Examination
1	Fundamentals of Law	dr hab. M. Urbaniak		50	10	0	0	40	10	2	Examination
2	Economics and Health Care System	dr R. Staszewski		50	10	0	0	40	10	2	Pass/Fail

3	Entrepreneurship of Physiotherapists	dr R. Staszewski		50	10	0	0	40	10	2	Examination
4	Public Health II	prof. dr hab. J. Wysocki		25	5	0	0	20	5	1	Pass/Fail
5	Seminars for Master's Thesis (including Final Examination) options: 1. dissertation in the field of basic sciences 2. dissertation in the field of clinical research 3. dissertation in the field of epidemiology			0						17	Examination
6	Placement			960						38	Pass/Fail
	Total			1135	35	0	0	140	35	62	3