The Karkonosze University of Applied Sciences in Jelenia Góra

FACULTY OF MEDICAL AND TECHNICAL SCIENCES

PHYSIOTHERAPY PROGRAMME

1st semester

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| No | Course name | Type/form of obtaining the credits | Cl.Hrs | ECTS |
|  | MODULE A BIOMEDICAL PRINCIPLES OFPHYSIOTHERAPY |  |  |  |
| 1 | Anatomy (normal, functional, X-ray, palpable) | Lecture/exam | 15 | 1 |
| 2 | Anatomy (normal, functional, X-ray, palpable) | Practical classes/exam | 30 | 2 |
| 3 | Medical Biology | Practical classes/graded assessment | 15 | 1 |
| 4 | Biochemistry | Lecture/exam | 15 | 1 |
|  | Biochemistry | Practical classes/exam | 30 | 1 |
| 5 | First Aid | Practical classes/ graded assessment | 45 | 3 |
|  | MODULE B GENERAL STUDIES |  |  |  |
| 6 | To be selected: English/German/Russian/French/Italian/Spanish | Seminar/exam | 45 | 2 |
| 7 | Physical Education | Practical classes | 30 |  |
| 8 | Psychology (general psychology, clinical psychology, psychotherapy, clinical communication) | Practical classes/exam | 15 | 1 |
| 9 | Sociology (general sociology, sociology of disability)/Sociology (general, disability sociology) | Lecture/graded assessment | 10 | 1 |
| 10 | Demography and Epidemiology | Practical classes/graded assessment | 15 | 1 |
| 11 | Philosophy | Lecture/exam | 10 | 1 |
| 12 | Information technologies | Practical classes/graded assessment | 20 | 1 |
| 13 | History of Physiotherapy | Lecture/graded assessment | 10 | 1 |
|  | MODULE C PRINCIPLES OF PHYSIOTHERAPY |  |  |  |
| 14 | General Physiotherapy | Lecture/exam | 15 | 1 |
| 15 | General Physiotherapy | Practical classes/exam | 30 | 1 |
| 16 | Motor education and methodology of movements education/Locomotor Education and Movement Teaching Methodology | Lecture/graded assessment | 15 | 1 |
| 17 | Motor education and methodology of movements education/Locomotor Education and Movement Teaching Methodology | Practical classes/graded assessment | 30 | 1 |
|  | OTHER REQUIREMENTS |  |  |  |
| 18 | To be selected: Biomedical Foundations of Human Development/Basics of laboratory diagnostics in physiotherapy | Practical classes/graded assessment | 15 | 1 |
| 19 | To be selected: Marching techniques in rehabilitation/ Basics of clinical communication with a patient | Practical classes/graded assessment | 15 | 1 |
| 20 | To be selected: Kinesis prophylaxis of civilisation diseases/Principles of Sign Language | Practical classes/graded assessment | 30 | 2 |
| 21 | To be selected: Team games in the water/Water rescue | Practical classes/graded assessment | 30 | 2 |
|  | Total ECTS points per semester |  |  |  27 |

2nd semester

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| No | Course name | Type/form of obtaining the credits | Cl.Hrs | ECTS |
|  | MODULE A BIOMEDICAL PRINCIPLES OFPHYSIOTHERAPY |  |  |  |
| 1 | Anatomy (normal, functional, X-ray, palpable) | Lecture/exam | 15 | 1 |
| 2 | Anatomy (normal, functional, X-ray, palpable) | Practical classes/exam | 45 | 3 |
| 3 | Genetics | Lecture/graded assessment | 15 | 1 |
| 4 | Biophysics | Practical classes/graded assessment | 15 | 1 |
|  | MODULE B GENERAL STUDIES |  |  |  |
| 5 | To be selected: English/German/Russian/French/Italian/Spanish | Seminar/exam | 45 | 2 |
| 6 | Physical Education | Practical classes | 30 |  |
| 7 | Psychology (general psychology, clinical psychology, psychotherapy, clinical communication) | Lecture/exam | 10 |  |
| 8 | Psychology (general psychology, clinical psychology, psychotherapy, clinical communication) | Practical classes/exam | 15 | 1 |
| 9 | Pedagogy (general, special) | Lecture/graded assessment | 10 |  |
| 10 | Pedagogy (general, special) | Practical classes/graded assessment | 15 | 1 |
| 11 | Public Health | Practical classes/graded assessment | 10 | 1 |
| 12 | Bioethics | Lecture/graded assessment | 10 | 1 |
|  | MODULE C PRINCIPLES OF PHYSIOTHERAPY |  |  |  |
| 13 | General Physiotherapy | Lecture/exam | 15 | 1 |
| 14 | General Physiotherapy | Practical classes/exam | 30 | 2 |
| 15 | Motor education and methodology of movements education/Locomotor Education and Movement Teaching Methodology | Lecture/graded assessment | 15 | 1 |
| 16 | Motor education and methodology of movements education/Locomotor Education and Movement Teaching Methodology | Practical classes/graded assessment | 30 | 1 |
| 17 | Kinesiotherapy |   Lecture/exam | 15 | 1 |
| 18 | Kinesiotherapy | practical classes in a clinical setting/exam | 60 | 2 |
|  | MODULE F PHYSIOTHERAPY TRAINEESHIP |  |  |  |
| 19 | Assistant internship (Summer Internship after the 2nd semester) | 150 hrs |  | 5 |
|  | OTHER REQUIREMENTS |  |  |  |
| 20 | To be selected: Outdoor forms of physical recreation/Foundations of Physical Activity in the Elderly | practical classes in a clinical setting/graded assessment | 15 | 1 |
| 21 | To be selected: Modern forms of gymnastics/Aquafitness | practical classes in a clinical setting/graded assessment | 45 | 2 |
|  | Total ECTS points per semester |  |  | 28 |

3rd semester

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| No | Course name | Type/form of obtaining the credits | Cl.Hrs | ECTS |
|  | MODULE A BIOMEDICAL PRINCIPLES OFPHYSIOTHERAPY |  |  |  |
| 1 | Physiology (general physiology, physiology of physical effort, physiology of pain, physiological diagnostics) | Lecture/exam | 15 | 1 |
|  | Physiology (general physiology, physiology of physical effort, physiology of pain, physiological diagnostics) | Practical classes/exam | 30 | 1 |
| 2 | Biomechanics (applied biomechanics and ergonomy, clinical biomechanics) | Lecture/exam | 15 | 1 |
| 3 | Biomechanics (applied biomechanics and ergonomy, clinical biomechanics) | Practical classes/exam | 30 | 2 |
| 4 | General Pathology | Lecture/graded assessment | 15 | 1 |
|  | MODULE C PRINCIPLES OF PHYSIOTHERAPY |  |  |  |
| 5 | Motor education and methodology of movements education/Locomotor Education and Movement Teaching Methodology | Lecture/graded assessment | 15 | 1 |
| 6 | Motor education and methodology of movements education/Locomotor Education and Movement Teaching Methodology | Practical classes/graded assessment | 30 | 2 |
| 7 | Kinesiotherapy |   Lecture/exam | 15 | 1 |
| 8 | Kinesiotherapy | practical classes in a clinical setting/exam | 60 | 3 |
| 9 | Physical medicine (physical therapy, balaneutics climatology, spa treatment) |   Lecture/exam | 15 | 1 |
| 10 | Physical medicine (physical therapy, balaneutics climatology, spa treatment) | practical classes in a clinical setting/exam | 60 | 2 |
| 11 | Physioprophylaxis and health promotion | Lecture/graded assessment | 15 | 1 |
| 12 | Physioprophylaxis and health promotion | Practical classes/graded assessment | 30 | 1 |
|  | OTHER REQUIREMENTS |  |  |  |
| 13 | To be selected: Biochemical and Physiological Changes in the Aging of the Human Body/Ontogenetic Development | Practical classes/graded assessment | 15 | 1 |
| 14 | To be selected: Mindfulness - a response to stress/Coaching | practical classes in a clinical setting/graded assessment | 30 | 2 |
| 15 | To be selected: Elements of Occupational Therapy in Physiotherapy/Therapy with Animals | practical classes in a clinical setting/graded assessment | 45 | 2 |
| 16 | Team sports games of disabled people | Practical classes/graded assessment | 15 | 1 |
| 17 | To be selected: Antenatal classes/Nutrition of a pregnant woman | practical classes in a clinical setting/graded assessment | 15 | 1 |
|  | Total ECTS points per semester |  |  | 27 |

4th semester

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| No | Course name | Type/form of obtaining the credits | Cl.Hrs | ECTS |
|  | MODULE A BIOMEDICAL PRINCIPLES OFPHYSIOTHERAPY |  |  |  |
| 1 | Physiology (general physiology, physiology of physical effort, physiology of pain, physiological diagnostics) | Lecture/exam | 15 | 1 |
| 2 | Physiology (general physiology, physiology of physical effort, physiology of pain, physiological diagnostics) | Practical classes/exam | 30 | 2 |
| 3 | Pharmacology in physiotherapy | Lecture/graded assessment | 10 | 1 |
|  | MODULE C PRINCIPLES OF PHYSIOTHERAPY |  |  |  |
| 4 | Physical medicine (physical therapy, balaneutics climatology, spa treatment) | Lecture/exam | 15 | 1 |
| 5 | Physical medicine (physical therapy, balaneutics climatology, spa treatment) | practical classes in a clinical setting/exam | 60 | 2 |
| 6 | Massage | Lecture/exam | 15 | 1 |
| 7 | Massage | practical classes in a clinical setting/exam | 45 | 2 |
|  | MODULE D CLINICAL PHYSIOTHERAPY |  |  |  |
|  | CLINICAL BASICS OF PHYSIOTHERAPY |  |  |  |
| 8 | Clinical basics of physiotherapy in orthopedics and traumatology, sports medicine | Lecture/graded assessment | 15 | 1 |
| 9 | Clinical basics of physiotherapy in orthopedics and traumatology, sports medicine | practical classes in a clinical setting/graded assessment | 45 | 2 |
| 10 | Clinical basics of physiotherapy in rheumatology | Lecture/graded assessment | 15 | 1 |
| 11 | Clinical basics of physiotherapy in rheumatology | practical classes in a clinical setting/graded assessment | 30 | 1 |
| 12 | Clinical basics of physiotherapy in neurology and neurosurgery | Lecture/graded assessment | 15 | 1 |
| 13 | Clinical basics of physiotherapy in neurology and neurosurgery | practical classes in a clinical setting/graded assessment | 30 | 1 |
| 14 | Clinical basics of physiotherapy in paediatrics and child neurology | Lecture/graded assessment | 15 | 1 |
| 15 | Clinical basics of physiotherapy in paediatrics and child neurology | practical classes in a clinical setting/graded assessment | 30 | 1 |
|  | MODULE F PHYSIOTHERAPY TRAINEESHIP |  |  |  |
| 16 | Practice in the field of kinesiotherapy | 300 hrs/ graded assessment |  | 11 |
|  | OTHER REQUIREMENTS |  |  |  |
| 17 | To be selected: English/German/Russian/French/Italian/Spanish | Seminar/graded assessment | 45 | 2 |
|  | Total ECTS points per semester |  |  | 32 |

5th semester

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| No | Course name | Type/form of obtaining the credits | Cl.Hrs | ECTS |
|  | MODULE D CLINICAL PHYSIOTHERAPY |  |  |  |
|  | CLINICAL BASICS OF PHYSIOTHERAPY |  |  |  |
| 1 | Clinical basics of physiotherapy | Lecture/graded assessment | 15 | 1 |
| 2 | Clinical basics of physiotherapy in cardiology and cardiosurgery | Lecture/graded assessment | 15 | 1 |
| 3 | Clinical basics of physiotherapy in cardiology and cardiosurgery | practical classes in a clinical setting/graded assessment | 30 | 2 |
| 4 | Clinical basics of physiotherapy in pulmonology | practical classes in a clinical setting/graded assessment | 15 | 1 |
| 5 | Clinical basics of physiotherapy in surgery | practical classes in a clinical setting/graded assessment | 15 | 1 |
| 6 | Clinical basics of physiotherapy in gynecology and obstetrics | practical classes in a clinical setting/graded assessment | 15 | 1 |
| 7 | Clinical basics of physiotherapy in geriatrics | practical classes in a clinical setting/graded assessment | 30 | 2 |
| 8 | Clinical basics of physiotherapy in psychiatrics | practical classes in a clinical setting/graded assessment | 15 | 1 |
| 9 | Clinical basics of physiotherapy in intensive care | practical classes in a clinical setting/graded assessment | 15 | 1 |
| 10 | Clinical basics of physiotherapy in oncology and palliative medicine | practical classes in a clinical setting/graded assessment | 15 | 1 |
|  | CLINICAL PHYSIOTHERAPY IN DYSFUNCTIONS OF LOCOMOTOR SYSTEM |  |  |  |
| 11 | Physiotherapy in Ortopaedics, Traumatology and sports medicine  | Lecture/exam | 15 | 1 |
| 12 | Physiotherapy in Ortopaedics, Traumatology and sports medicine  | practical classes in a clinical setting/exam | 60 | 3 |
| 13 | Physiotherapy in rheumatology | Lecture/exam | 15 | 1 |
| 14 | Physiotherapy in rheumatology | practical classes in a clinical setting/exam | 45 | 2 |
| 15 | Physiotherapy in neurology and neurosurgery | Lecture/exam | 15 | 1 |
| 16 | Physiotherapy in neurology and neurosurgery | practical classes in a clinical setting/exam | 60 | 3 |
| 17 | Physiotherapy in developmental age | Lecture/graded assessment | 15 | 1 |
| 18 | Physiotherapy in developmental age | practical classes in a clinical setting/graded assessment | 45 | 2 |
|  | MODULE F PHYSIOTHERAPY TRAINEESHIP |  |  |  |
| 19 | Practice in the field of clinical physiotherapy, physiotherapy and massage  | 100hrs/ graded assessment |  | 4 |
|  | OTHER REQUIREMENTS |  |  |  |
| 20 | Kinesiology | Lecture/exam | 15 | 1 |
| 21 | Kinesiology | Practical classes/exam | 30 | 1 |
|  |  Total ECTS points per semester |  | 495 | 32 |

6th semester

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| No | Course name | Type/form of obtaining the credits | Cl.Hrs | ECTS |
|  | MODULE C PRINCIPLES OF PHYSIOTHERAPY |  |  |  |
| 1 | Special methods in physiotherapy | practical classes in a clinical setting/graded assessment | 15 | 2 |
|  | MODULE D CLINICAL PHYSIOTHERAPY |  |  |  |
|  | CLINICAL PHYSIOTHERAPY IN INTERNAL DISEASES |  |  |  |
| 2 | Physiotherapy in cardiology and cardiosurgery | Lecture/exam | 15 | 1 |
| 3 | Physiotherapy in cardiology and cardiosurgery | practical classes in a clinical setting/exam | 45 | 2 |
| 4 | Physiotherapy in pulmonology | Lecture/exam | 15 | 1 |
| 5 | Physiotherapy in pulmonology | practical classes in a clinical setting/exam | 30 | 2 |
| 6 | Physiotherapy in surgery | practical classes in a clinical setting/ graded assessment | 30 | 2 |
| 7 | Physiotherapy in gynecology and obstetrics | practical classes in a clinical setting/ graded assessment | 30 | 2 |
| 8 | Physiotherapy in paediatrics | practical classes in a clinical setting/ graded assessment | 45 | 3 |
| 9 | Physiotherapy in geriatrics | Lecture/exam | 15 | 1 |
| 10 | Physiotherapy in geriatrics | practical classes in a clinical setting/exam | 45 | 2 |
| 11 | Physiotherapy in psychiatrics | practical classes in a clinical setting/ graded assessment | 15 | 1 |
| 12 | Physiotherapy in oncology and palliative medicine | practical classes in a clinical setting/ graded assessment | 30 | 2 |
|  | FUNCTIONAL DIAGNOSIS |  |  |  |
| 13 | Functional diagnostics in failures of movement organs | Lecture/graded assessment | 15 | 1 |
| 14 | Functional diagnostics in failures of movement organs | practical classes in a clinical setting/ graded assessment | 45 | 2 |
|  | MODULE F PHYSIOTHERAPY TRAINEESHIP |  |  |  |
| 15 | Profiled practise – choosable after 6th and 8th semester | 200hrs/ graded assessment |  | 7 |
|  |  Total ECTS points per semester |  |  | 31 |

7th semester

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| --- | --- | --- | --- | --- |
| No | Course name | Type/form of obtaining the credits | Cl.Hrs | ECTS |
|  | MODULE B GENERAL STUDIES WITH FOREIGN LANGUAGE |  |  |  |
| 1 | Basics of law (intellectual property law, medical law, civil law, labor law) | Lecture/graded assessment | 10 | 1 |
| 2 | Management and Marketing | Lecture/graded assessment | 10 | 1 |
|  | MODULE C PRINCIPLES OF PHYSIOTHERAPY |  |  |  |
| 3 | Special methods in physiotherapy | practical classes in a clinical setting/ graded assessment | 15 | 2 |
| 4 | Adapted physical activity and sport for people with disabilities | Practical classes/graded assessment | 30 | 3 |
| 5 | Medical devices | Lecture/exam | 15 | 1 |
| 6 | Medical devices | Practical classes/exam | 15 | 2 |
|  | MODULE D CLINICAL PHYSIOTHERAPY |  |  |  |
|  | FUNCTIONAL DIAGNOSIS |  |  |  |
| 7 | Functional diagnostics in failures of movement organs/ in disfunctions of the musculoskeletal system | practical classes in a clinical setting/ exam | 45 | 3 |
| 8 | Functional diagnosis in internal diseases | Lecture/graded assessment | 10 | 1 |
| 9 | Functional diagnosis in internal diseases | practical classes in a clinical setting/ graded assessment | 45 | 2 |
| 10 | Functional diagnosis in developmental age | Lecture/graded assessment | 10 | 1 |
| 11 | Functional diagnosis in developmental age | practical classes in a clinical setting/ graded assessment | 45 | 2 |
|  | REHABILITATION PROGRAMMING |  |  |  |
| 12 | Programming of rehabilitation in disfunctions of the musculoskeletal system/ in failures of movement organs | practical classes in a clinical setting/exam | 45 | 3 |
|  | MODULE F PHYSIOTHERAPY TRAINEESHIP |  |  |  |
|  |  |  |  |  |
| 13 | Practice in the field of clinical physiotherapy, physiotherapy and massage | 100hrs/ graded assessment |  | 4 |
|  | Total ECTS points per semester |  | 295 | 26 |

8th semester

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| --- | --- | --- | --- | --- |
| No | Course name | Type/form of obtaining the credits | Cl.Hrs | ECTS |
|  | MODULE B GENERAL STUDIES WITH A FOREIGN LANGUAGE |  |  |  |
| 1 | Physiotherapy didactics | Lecture/graded assessment | 10 | 1 |
|  | MODULE C PRINCIPLES OF PHYSIOTHERAPY |  |  |  |
| 2 | Special methods in physiotherapy | practical classes in a clinical setting/ graded assessment | 15 | 2 |
|  | MODULE D CLINICAL PHYSIOTHERAPY |  |  |  |
|  | REHABILITATION PROGRAMMING |  |  |  |
| 3 | Functional diagnostics in failures of movement organs | practical classes in a clinical setting/ exam | 90 | 6 |
| 4 | Rehabilitation programming in internal diseases | practical classes in a clinical setting/ exam | 90 | 6 |
| 5 | Rehabilitation programming in developmental age | practical classes in a clinical setting/ exam | 90 | 6 |
| 6 | MODULE F PHYSIOTHERAPY TRAINEESHIP |  |  |  |
| 7 | Profiled practise – choosable after 6th and 8th semester | 200hrs/ graded assessment |  | 7 |
|  | OTHER REQUIREMENTS |  |  |  |
| 8 | To be selected: The use of ultrasound in physiotherapy/ Antenatal classes | Practical classes/graded assessment | 15 | 1 |
|  | Total ECTS points per semester |  | 310 | 29 |

9th semester

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| --- | --- | --- | --- | --- |
| No | Course name | Type/form of obtaining the credits | Cl.Hrs | ECTS |
|  | MODULE B GENERAL STUDIES WITH A FOREIGN LANGUAGE |  |  |  |
| 1 | Economy and health protection system | Lecture/graded assessment | 10 | 1 |
|  | MODULE C PRINCIPLES OF PHYSIOTHERAPY |  |  |  |
| 2 | Special methods in physiotherapy | practical classes in a clinical setting/ graded assessment | 15 | 2 |
|  | MODULE D CLINICAL PHYSIOTHERAPY |  |  |  |
|  | REHABILITATION PROGRAMMING |  |  |  |
| 3 | Functional diagnostics in failures of movement organs | practical classes in a clinical setting/ exam | 60 | 4 |
| 4 | Rehabilitation programming in internal diseases | practical classes in a clinical setting/ exam | 60 | 4 |
|  | Rehabilitation programming in developmental age | practical classes in a clinical setting/ exam | 60 | 4 |
| 5 | MODULE E METHODOLOGY OF SCIENTIFIC RESEARCH |  |  |  |
| 6 |

|  |  |
| --- | --- |
| Methodology of scientific research and statistics |  |

 | Lecture/graded assessment | 15 | 1 |
| 7 |

|  |  |
| --- | --- |
| Methodology of scientific research and statistics |  |

 | Lecture/graded assessment | 15 |  |
| 8 | MA Seminar | Seminar/graded assessment | 10 | 1 |
| 9 | MA Thesis |  |  | 11 |
|  | Total ECTS points per semester |  | 245 | 28 |

10th semester

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Course name | Type/form of obtaining the credits | Cl.Hrs | ECTS |
|  | MODULE E METHODOLOGY OF SCIENTIFIC RESEARCH |  |  |  |
| 1 | MA Seminar | Seminar/graded assessment | 10 | 1 |
| 2 | MA Thesis |  |  | 11 |
|  | MODULE F PHYSIOTHERAPY TRAINEESHIP |  |  |  |
| 3 | Practice in the field of clinical physiotherapy, physiotherapy and massage | 510hrs |  | 20 |
|  | Total ECTS points per semester |  | 10 | 32 |