

CLASS CARD**Physiotherapy in orthopedics**

| Basic classes | Code in the study plan | ECTS |
|------------------------------|-------------------------------|-------------|
| Physiotherapy in orthopedics | FV-86 | 1 |

DETAILED INFORMATION**Course aims and objectives**

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| Education profile | Practical |
| Faculty and field of study | Rehabilitation |
| Studies program in which the subject is realized | Phyciotherapy |
| Professor's name | Bartosz Wysoczański, PhD |
| Level of studies (eg. bachelor, master) | 5 year linear master study |
| Study year and semester | 4/ VII |
| Language | English |
| Method of realization (stationary/ distance learning) | stationary |
| Lectures/classes hours | 30 |
| Form of passing classes | practical |
| Type of subject (obligatory/ facultative) | facultative |
| Prerequisites | knowledge of: functional anatomy, kinesiotherapy, kinesiology, clinical biomechanics, pathomechanics, and the clinical basics of physiotherapy. |

LEARNING OUTCOMES IN KNOWLEDGE, SKILLS AND SOCIAL COMPETENCES FOR CLASSES

| Learning outcome | Subject's learning outcomes |
|-------------------------|--|
| KNOWLEDGE | |
| D.W1 | 1. Describes and explains pathological changes in various diseases and structural disorders caused by illness, injury or other form of disability 2. Identifies and recognizes pathologies within the musculoskeletal system. |
| D.W2 | Knows the principles and method of conducting subjective and objective examination. |
| SKILLS | |

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|---------------------------|--|
| D.U1 | <ol style="list-style-type: none"> 1. Student is able to make a functional diagnosis of orthopedic dysfunctions within the musculoskeletal system resulting from overload, degenerative and traumatic changes. 2. Performs tests and evaluates the functional deficit of patients in the perioperative period. |
| D.U2 | Performs tests and evaluates the functional deficit of patients in the perioperative period. |
| D.U3 | Student is able to make a functional diagnosis of orthopedic dysfunctions within the musculoskeletal system resulting from overload, degenerative and traumatic changes. |
| SOCIAL COMPETENCES | |
| O.K4 | Student is able to see the need to secure intimate conditions during patient examination. |
| O.K6 | Understands the need to cooperate with specialists with different competences in order to diagnose the patient. |

SUBJECT PROGRAM CONTENT DIVISION BY FORMS OF IMPLEMENTATION

| FORM OF CLASSES – LECTURE - subject | | Reference to subject-specific learning outcomes |
|-------------------------------------|--|---|
| | | |
| FORM OF CLASSES – CLASSES– subject | | Reference to subject-specific learning outcomes |
| SC 1 | Upper extremity – clinical cases | D.W1, D.W2, D.U1, D.U2, D.U3, O.K4, O.K6 |
| SC 2 | Biomechanical and functional connections between upper extremity, shoulder girdle and the rest of the torso – clinical cases | D.W1, D.W2, D.U1, D.U2, D.U3, O.K4, O.K6 |
| SC 3 | Lower extremity – clinical cases | D.W1, D.W2, D.U1, D.U2, D.U3, O.K4, O.K6 |

PLANNED METHODS/FORMS/TEACHING MEANS

| Program content | Teaching methods/forms |
|------------------------------------|--|
| 1-3 | Discussion, Practical activities, Conducting part of the classes by the students |
| Teaching resources: medical scrubs | |

METHODS OF VERIFYING THE EXPECTED LEARNING OUTCOMES ACHIEVED BY THE STUDENT

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|--------------------------------------|---------------------------|
| Learning outcomes for classes | Assessment methods |
| 1-3 | Practical test |

CONDITIONS FOR PASSING CLASSES:

1. Active presence on all classes
2. Practical Test according to the norms

SAMPLE ASSESSMENT/EXAMINATION TOPICS

| Local grade | Grade | Criteria |
|-------------|-------|--|
| 5 | A | <p>Correctly conducted clinical tests and inference</p> <p>Proposing plan for rehabilitation or prevention of an injury. Student will teach the patient how to properly carry out the kinesiotherapy exercises, and explain him their purpose.</p> <p>Develop and assign a homework for the patient.</p> |
| 4,5 | B | <p>Correctly conducted clinical tests and inference.</p> <p>Proposing plan for rehabilitation or prevention of an injury.</p> <p>Student will teach the patient how to properly carry out the kinesiotherapy exercises, and explain him their purpose.</p> |
| 4 | C | <p>Correctly conducted clinical tests and inference.</p> <p>Student will teach the patient how to properly carry out the kinesiotherapy exercises, and explain him their purpose.</p> |
| 3,5 | D | <p>Correctly conducted clinical tests and inference.</p> <p>A student will properly carry out the kinesiotherapy exercises, and explain their purpose.</p> |
| 3 | E | Correctly conducted clinical tests and inference. |
| 2 | F | A student cannot conduct a clinical tests. |

ENGLISH BIBLIOGRAPHY

| | |
|--------------|--|
| Basic | <ul style="list-style-type: none"> • Magee DJ. Orthopedic Physical Assessment. 7th ed. St. Louis: Elsevier; 2020. • Levine D, Richards J, Whittle MW. Whittle's Gait Analysis. 6th ed. |
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| | <p>Edinburgh: Elsevier; 2022.</p> <ul style="list-style-type: none"> • Cook G. Movement: Functional Movement Systems: Screening, Assessment, Corrective Strategies. Santa Cruz: On Target Publications; 2010. |
| Additional | |

SELF STUDY

| Full-time studies | | Type of activity |
|--|----------|---|
| Number of hours to complete the activity | ECTS | |
| 30 | 1 | Active presence at the classes |
| 4 | | Preparing for a practical test, familiarize with the bibliography concerning exact topic |

Number of ECTS points that a student obtains in classes developing practical skills: 1

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| Author of the class card: | Name, surname and email |
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