



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Pilates [C_CS>Pil15]

Course

Field of study

Architecture

Year/Semester

1/2

Area of study (specialization)

Bionics and Virtual Engineering

Technical Electrochemistry

Production Informatics and Robotics

Production Informatics

Engineering of Implants and Prosthesis

Construction Engineering and Management

Composites and Nanomaterials

Machine Design

Structural Engineering

Mechatronic System Design

Supply Chain Logistics

Corporate Logistics

Metal and Plastics Materials

Nanomaterials

Aircraft Piloting

Aircraft Engines and Airframes

Logistics Systems

Onboard Systems and Aircraft Propulsion

Production Systems

Organic Technology

Polymer Technology

Medical and Rehabilitation Devices

Virtual Engineering

Heating, Air Conditioning and Air Protection

Water Supply, Water and Soil Protection

Managing Enterprise of the Future

Enterprise Resource and Process Management

Integrated Work Safety Management

null

Profile of study

general academic

Level of study

first-cycle

Course offered in

polish

Form of study

full-time

Requirements

elective

Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

0

Tutorials

15

Projects/seminars

0

Number of credit points

0,00

Coordinators

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Lecturers

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Prerequisites

The student learns the basic muscle groups and acquires knowledge how to accurately perform Pilates exercises. The student is able to concentrate his attention on the breath and combine it with the appropriate sequence of exercises. The student receives suggestions for exercises that he can perform independently. The exercises presented during the classes ensure balanced development of the muscles. The student has no health contraindications to actively participate in the course and no health contraindications to participate in physical exercises aimed at strengthening, the center or "center", stretching the spine, strengthening muscle tone and increasing awareness of one's own body.

Course objective

The exercises are devoted to: getting acquainted with the Pilates method, learning simplified versions of core strengthening exercises, strengthening and mobilizing the hip and shoulder girdle, learning more difficult versions of Pilates exercises, and strengthening the core muscles by perfecting the exercises of this method. During the classes, additional accessories are used, such as: "Magic Ring", 1 kg weights, Body Balls, Easy boll balls. The Pilates method is guided by the following principles: center, concentration, control, precision, breath, fluidity.

Course-related learning outcomes

The student knows the basic muscle groups and acquires knowledge of how to properly perform Pilates exercises

Is able to focus his or her attention on breathing in conjunction with the proper sequence of exercises

Knows the exercises that he can safely perform on his own

Is aware of the balanced and harmonious development of his body

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Passing the course takes place through active and regular participation in classes. Absences without the obligation to make up and justify are possible in the absence of a maximum of 1 classes with 15 hours in a semester. The student is obliged to make up for the remaining unjustified absences and short-term sick leave (maximum 5 in total) in consultation with his/her teacher. It is possible to make up two classes a week. You can participate in physical education classes no more than once a day. Classes must be made up on a day other than the scheduled classes.

Programme content

Pilates is a form of conscious movement that improves the functionality of the whole body. Learning proper breathing effectively affects the balancing of the nervous system, proper body systems during exercise guarantee the physiological quality of movement by balancing muscle tension and restoring the lost strength of muscles that are neglected and often overlooked in movement (also in sports). The body gains flexibility, strength, frees itself from pain (especially the spine) and feels filled with good energy

Teaching methods

Teaching methods: analytical, synthetic, mixed.

Task implementation methods: imitative strict, task strict.

Bibliography

Abby Ellsworth: PILATES krok po kroku. AKA 2011.

Selby A., Herdman Alan: PILATES kształtowanie ładnej sylwetki. Delta 2001.

<https://pilatesology.com>

Breakdown of average student's workload

	Hours	ECTS
Total workload	15	0,00
Classes requiring direct contact with the teacher	15	0,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	0	0,00