

Introduction to Clinical Sciences

Educational subject description sheet

Basic information

Department Faculty of Medicine Field of study Medical Program Study level long-cycle master's degree program Study form full-time Education profile general academic Disciplines Medical science		Didactic cycle 2016/17 Realization year 2017/18 Lecture languages English Block obligatory for passing in the course of studies Mandatory obligatory Examination graded credit Standard groups B. Scientific basics of medicine, D. Behavioral and social sciences with elements of professionalism
Subject coordinator	Grzegorz Cebula, Mateusz Podolec	
Lecturer	Grzegorz Cebula, Mateusz Podolec, Jakub Stępniewski, Łukasz Balcerzak	

Period Semester 3	Examination graded credit Activities and hours lecture: 3, classes: 72	Number of ECTS points 8.0
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Goals

C1	Students using their knowledge in basic science can solve easy clinical problems, can explain the relation between a disease and physiological issues undergoing in human body. Students can search and critically analyse medical literature, can communicate with team members, share his/hers knowledge and be able to give good feedback to the others.
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Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
Knowledge - Student knows and understands:			
W1	development, structure and functions of the human body in normal and pathological conditions	O.W1	group assessment
W2	methods of diagnostic and therapeutic procedures appropriate for specific disease states	O.W3	group assessment
W3	the relationship between factors disturbing the balance of biological processes and physiological and pathophysiological changes	B.W25	group assessment
Skills - Student can:			
U1	plan own learning activities and constantly learn in order to update own knowledge	O.U5	group assessment
U2	inspire the learning process of others	O.U6	group assessment
U3	communicate and share knowledge with colleagues in a team	O.U8	group assessment
U4	critically evaluate the results of scientific research and adequately justify the position	O.U9	group assessment
U5	assess the reliability of the clinical trial	B.U18	group assessment
U6	critically analyse medical literature, including in English, and draw conclusions	D.U17	group assessment
U7	communicate with colleagues with constructive feedback and support	D.U12	group assessment
Social competences - Student is ready to:			
K1	perceive and recognize own limitations and self-assessing educational deficits and needs	O.K5	group assessment
K2	use objective sources of information	O.K7	group assessment
K3	formulate conclusions from own measurements or observations	O.K8	group assessment
K4	implement the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment	O.K9	group assessment
K5	assume responsibility for decisions taken in the course of their professional activities, including in terms of the safety of oneself and others	O.K11	group assessment

Calculation of ECTS points

Activity form	Activity hours*
lecture	3
classes	72

preparation for classes	15
Student workload	Hours 90
Workload involving teacher	Hours 75
Practical workload	Hours 72

* hour means 45 minutes

Study content

No.	Course content	Subject's learning outcomes	Activities
1.	Problem Based Learning	W1, W2, W3, U1, U2, U3, U4, U5, U6, U7, K1, K2, K3, K4, K5	classes, lecture

Course advanced

Teaching methods:

lecture, PBL Problem Based Learning

Activities	Examination methods	Credit conditions
lecture	group assessment	Continuous structural rating which is done by tutors and group members after each case with a feedback
classes	group assessment	Continuous structural rating which is done by tutors and group members after each case with a feedback

Entry requirements

Knowledge of human body and it's function in physiological conditions

Literature

Obligatory

1. Due to the curse nature, it is impossible to give course book list. In some ceases, recommended literature and materials will be given to students.

Standard effects

Code	Content
B.U18	assess the reliability of the clinical trial
B.W25	the relationship between factors disturbing the balance of biological processes and physiological and pathophysiological changes
D.U12	communicate with colleagues with constructive feedback and support
D.U17	critically analyse medical literature, including in English, and draw conclusions
O.K5	perceive and recognize own limitations and self-assessing educational deficits and needs
O.K7	use objective sources of information
O.K8	formulate conclusions from own measurements or observations
O.K9	implement the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment
O.K11	assume responsibility for decisions taken in the course of their professional activities, including in terms of the safety of oneself and others
O.U5	plan own learning activities and constantly learn in order to update own knowledge
O.U6	inspire the learning process of others
O.U8	communicate and share knowledge with colleagues in a team
O.U9	critically evaluate the results of scientific research and adequately justify the position
O.W1	development, structure and functions of the human body in normal and pathological conditions
O.W3	methods of diagnostic and therapeutic procedures appropriate for specific disease states