

Hygiene

Educational subject description sheet

Basic information

<p>Organizational unit Faculty of Medicine</p> <p>Field of study Medicine, Program in English</p> <p>Study level long-cycle master's degree program</p> <p>Study form full-time</p> <p>Education profile general academic</p> <p>Disciplines Medical science</p> <p>Subject related to scientific research Tak</p>		<p>Didactic cycle 2020/21</p> <p>Realization year 2021/22</p> <p>Lecture languages english</p> <p>Block obligatory for passing in the course of studies</p> <p>Mandatory obligatory</p> <p>Examination graded credit</p> <p>Standard group G. Law and organizational aspects of medicine</p>	
Subject coordinator	Joanna Zając, Wojciech Szot, Małgorzata Bała		
Lecturer	The full list of lecturers is available on the website uosweb.uj.edu.pl in the tab Directory → Courses.		
Period Semester 4	Examination graded credit	Number of ECTS points 1.0	Activities and hours seminar: 20

Goals

C1	Acquisition of practical skills in health care and health promotion by students.
C2	Acquiring knowledge on estimating and minimizing environmental risks.
C3	Student introduction to selected environmental factors in the place of residence and work that affect human health and methods of monitoring the home and working environment.
C4	Civilizational diseases. To acquaint students with the issues of environmental conditions of carcinogenesis.
C5	To provide the student with the basics of knowledge on the evaluation of the state of nutrition and the manner of human nutrition, including nutrients in food, as well as vitamins and minerals and energy requirements.
C6	Development of awareness of the impact of lifestyle and diet on human health

Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
Knowledge - Student knows and understands:			
W1	symptoms and course of diseases	O.W2	written credit
W2	methods of diagnostic and therapeutic procedures appropriate for specific disease states	O.W3	written credit
W3	methods of individual and population health assessment, different systems of disease classification and medical procedures	G.W1	written credit
W4	ethical, social and legal conditions for practicing the medical profession and the principles of health promotion, based on scientific evidence and accepted standards	O.W4	written credit
W5	the importance of environmental xenobiotics, including their exogenous transformation and the role of biomarkers (exposure, effects, vulnerability) in the diagnosis of environmental and occupational diseases	G.W23	assignment report, written credit
Skills - Student can:			
U1	plan the diagnostic procedure and interpret its results	O.U3	assignment report, written credit
U2	identify medical problems and prioritize medical management	O.U1	written credit
U3	plan own learning activities and constantly learn in order to update own knowledge	O.U5	written credit
U4	communicate and share knowledge with colleagues in a team	O.U8	written credit
U5	collect information on the presence of risk factors for communicable and chronic diseases and plan prevention activities at different levels of prevention	G.U2	written credit
U6	cooperate with other professions in the field of health protection	G.U10	assignment report, written credit

Code	Outcomes in terms of	Effects	Examination methods
U7	conducts community interview, is able to interpret levels of pollution in the aspect of effective standards, and is able to identify organs and systems susceptible to harmful substances, the performance of individual xenobiotics present in the environment and the working environment	G.U13	assignment report, written credit
Social competences - Student is ready to:			
K1	to be guided by the well-being of a patient	O.K2	written credit
K2	promote health-promoting behaviors	O.K6	written credit

Calculation of ECTS points

Activity form	Activity hours*
seminar	20
preparation for classes	5
preparation for examination	5
Student workload	Hours 30
Workload involving teacher	Hours 20
Practical workload	Hours 0

* hour means 45 minutes

Study content

No.	Course content	Subject's learning outcomes	Activities
1.	Environment and human health	W1, W2, W3, U1, K1, K2	seminar
2.	Environmental biomonitoring: environmental monitoring and biological monitoring	W1, W2, W3, W4, W5, U1, U7, K1, K2	seminar
3.	Occupational diseases and environmental diseases at home.	W1, W2, W3, W4, W5, U1, U7, K2	seminar
4.	The basics of environmental determinants of civilizational diseases, with special interest on neoplastic diseases. .	W1, W2, W3, U1, K2	seminar
5.	Diet related diseases, hospital malnutrition, medical diets. Parenteral nutrition	W1, W2, W3, W4, U1, U2, U3, U4, U5, U6, K1, K2	seminar
6.	Assessment of nutritional status and nutrition. Energy in food: the body's energy needs, fat, fibre. Vitamins and minerals, interactions.	W1, W2, W3, U1, U3, U4, U5, K2	seminar

Course advanced

Teaching methods :

classes / practicals, computer classes, group work, seminar, simulated patient, lecture with multimedia presentation

Activities	Examination methods	Credit conditions
seminar	assignment report, written credit	Obecność na zajęciach oraz prawidłowe wykonanie zadania.

Additional info

Every single meeting ends with a short test/quiz consisting of open or single choice-test questions. Students can earn max 6 points per meeting. To pass a course a minimum of 39 points must be obtained (65%).

Entry requirements

None

Literature

Obligatory

1. Koren, H., & Bisesi, M. S. (2002). Handbook of environmental health, volume I: Biological, chemical, and physical agents of environmentally related disease (Vol. 1). CRC press.
2. Webster-Gandy, J., Madden, A., & Holdsworth, M. (Eds.). (2011). Oxford handbook of nutrition and dietetics. OUP Oxford.

Optional

1. E. Kolarzyk. Selected topics on hygiene and human ecology. <http://www.wuj.pl>

Kierunkowe efekty uczenia się

Kod	Treść
O.K2	label.effect.prefix.competencefocus on the welfare of the patient
O.K6	label.effect.prefix.competencehealth promotion
O.U1	label.effect.prefix.skillidentify medical conditions and prioritise medical management
O.U3	label.effect.prefix.skillplan diagnostics and interpret its results
O.U5	label.effect.prefix.skillplan one's own educational activity and continue education to have access to state-of-the-art scientific findings
O.U8	label.effect.prefix.skillcommunicate with colleagues in the team and share knowledge
O.W2	label.effect.prefix.knowledgesymptoms of diseases and their course
O.W3	label.effect.prefix.knowledgeways of diagnostics and therapy appropriate for particular diseases
O.W4	label.effect.prefix.knowledgeethical, social and legal conditions of a medical practitioner and the principles of health promotion, and bases their knowledge on scientific evidence and accepted standards
G.U2	label.effect.prefix.skillcollect information on the presence of infectious and chronic diseases risk factors and plan preventive actions at different levels of prevention
G.U10	label.effect.prefix.skillcooperate with representatives of other professions as regards health care
G.U13	label.effect.prefix.skillconduct a community interview, knows how to interpret pollution levels in terms of applicable standards, and knows how to identify organs and systems susceptible to harmful operation of specific xenobiotics present in the place of living and work environment
G.W1	label.effect.prefix.knowledgemethods of evaluating individual and population health, various systems of classification of diseases and medical procedures
G.W23	label.effect.prefix.knowledgeimportance of environmental xenobiotics, including their exogenous transformation and the role of biomarkers (exposure, effects, sensitivity) in environmental and occupational diseases diagnostics