

A COURSE SYLLABUS – DOCTORAL SCHOOL
REGARDING THE QUALIFICATION CYCLE FROM 2021 TO 2025
REGARDING THE QUALIFICATION CYCLE FROM 2020 TO 2024

GENERAL INFORMATION ABOUT COURSE				
Course title	Nutrition in gastrointestinal diseases			
Name of the unit running the course	Doctoral School at University of Rzeszow			
Type of course (<i>obligatory, optional</i>)	Optional			
Year and semester of studies	2022/2023; sem III			
Discipline	Health sciences			
Language of Course	Polish			
Name of Course coordinator	Dr hab. Katarzyna Dereń, prof. UR			
Name of Course lecturer	Dr hab. Katarzyna Dereń, prof. UR			
Prerequisites	Knowledge of human nutrition. Knowledge of the structure, physiology of the gastrointestinal tract, and hormonal control of food intake.			
BRIEF DESCRIPTION OF COURSE (100-200 words)				
<p>The relationship between mode of nutrition and the occurrence of selected gastrointestinal disease entities is undoubtedly an important factor that should be taken into account both in the prevention and during support of the therapy process of these diseases. The main purpose of this subject is to indicate the link between the appearance of selected entities of gastrointestinal disease and the way of nutrition. In addition, supporting the process of therapy with properly selected nutrition in many diseases, e.g., gastric and duodenal ulcers, chronic pancreatitis, Crohn's disease, ulcerative colitis, is extremely important due to the occurrence of periodic exacerbations. An additional purpose of the topic is to discuss in general terms the functioning of the gastrointestinal tract and to identify the necessary nutrients required for its proper functioning in selected diseases.</p>				
COURSE LEARNING OUTCOMES AND METHODS OF EVALUATING LEARNING OUTCOMES				
Learning outcome	The description of the learning outcome defined for the course	Relation to the degree programme outcomes (symbol)	Learning Format (Lectures, classes,...)	Method of assessment of learning outcomes (e.g. test, oral exam, written exam, project,...)
Knowledge (no.)	(Knows and understands)			
1.	To the extent enabling the revision of the existing paradigms - a global achievement, covering theoretical foundations as well as general issues and selected specific issues of health sciences.	P8S-WG/1	Lectures	Essay
2.	Main trends in health sciences.	P8S-WG/2	Lectures	Essay
3.	Knows the methodology of scientific research in the discipline of health sciences	P8S-WG/3	Lectures	Essay

Skills (no.)	(Able to)			
1.	Using knowledge from various fields of science to identify and innovatively solve complex problems in the range of nutrition in gastrointestinal diseases.	P8S-UW/1	Classes	Project
2.	Identify and critically analyze the results of research in the range of gastrointenstinal diseases.	P8S-UW/2	Classes	Project
3.	Can communicate on specialist topics and initiate debate	P8S-UK/1 P8S-UK/3	Classes	Observation during classes, self-esteem
4.	Can disseminate the results of scientific works, also in popular forms	P8S-UK/2	Classes	Observation during classes, self-esteem
5.	Participate in scientific discourse in an international environment	P8S-UK/4 P8S-UK/5	Classes	Observation during classes, self-esteem
Social competence (no.)	(Ready to)			
1.	Recognize the importance of knowledge in solving cognitive and practical problems.	P8S-KK/3	Classes	Observation during classes, self-esteem
2.	Is ready to critically evaluate the achievements within the heath science discipline	P8S-KK/2	Classes	Observation during classes, self-esteem
3.	Is ready to act for the public interest	P8S-KO/2	Classes	Observation during classes, self-esteem

LEARNING FORMAT – NUMBER OF HOURS

Semester (no.)	Lectures	Seminars	Lab classes	Internships	others	ECTS
III i V	5	10	—	—	—	0

METHODS OF INSTRUCTION

LECTURE/OTHERS: A SUPPORTED BY A MULTIMEDIA PRESENTATION, TEXT ANALYSIS AND DISCUSSION, PROJECT WORK (PRACTICAL PROJECT), GROUP WORK (PROBLEM SOLVING, CASE STUDY, DISCUSSION) IN THE CASE OF EPIDEMIC RESTRICTIONS: BY REMOTE METHOD

COURSE CONTENT

Lectures:

Introduction to nutrition in selected gastrointestinal diseases.

Characteristics of nutrition in selected diseases of the gastrointestinal tract.

Classes:

Characteristics and application of nutrition in selected diseases of the gastrointestinal tract.

COURSE ASSESSMENT CRITERIA

1. Full participation and evaluation of student activity during classes.
2. Assessment of preparation for classes.
3. Discussion during exercises.
4. Project method.
5. Test.

Grading:

A* 100- 95%

A= 94- 90%

B* = 89- 85%

B= 84- 80%

C* = 79- 75%

C= 74- 70%

D* = 69- 65%

D= 64- 60%

F > 60%

**TOTAL PhD STUDENT WORKLOAD REQUIRED TO ACHIEVE THE INTENDED LEARNING OUTCOMES
– NUMBER OF HOURS AND ECTS CREDITS**

Activity	Number of hours
Scheduled course contact hours	15
Other contact hours involving the teacher (consultation hours, examinations)	-
Non-contact hours – student`s own work (preparation for classes or examinations, project, etc.)	-
Total number of hours	15
Total number of ECTS credits	0

INSTRUCTIONAL MATERIALS

Compulsory literature:	<ol style="list-style-type: none">1. Marian Grzymisławski (red.). Dietetyka kliniczna. PZWL Wydawnictwo Lekarskie, Warszawa 2019.2. Andrzej Szczeklik. Interna Szczeklika 2018/19 : mały podręcznik. Kraków: Medycyna Praktyczna, 2018.3. B. Sands. Gastroenterologia Tom I i II. Wydawnictwo Czelej, 2018.4. Aktualne publikacje naukowe obejmujące tematykę żywienia w wybranych chorobach przewodu pokarmowego.
Complementary literature:	<ol style="list-style-type: none">1. S. Bickson, R. Bloomfeld. Nieswoiste zapalenia jelit. Wrocław: ELSEVIER Urban

	<p>& Partner, 2013.</p> <p>2. E. Małecka-Panas, M. Słomka. Przewlekłe nieswoiste choroby zapalne jelit choroba Leśniowskiego-Crohna, wrzodziejące zapalenie jelita grubego. Wrocław: MedPharm Polska, 2012.</p>
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Date and signature of the Course lecturer

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Approved by the Head of the Department or an authorised person