



SYLABUS academic year 2017/2018														
Description of the course														
Module/Course	Food additives and genetically modified food – facts and myths								Group of detailed education results					
									Group code C, D, B	Group name C-Basics of nurse's care; D-Biopharmacy and effects of drug treatment; B – Introduction to medical sciences				
Faculty	Medicine													
Major	Medicine													
Specialties	Not applicable													
Level of studies	Uniform magister studies X * 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies <input type="checkbox"/>													
Form of studies	X full-time X part-time													
Year of studies	I - V					Semester		X Winter X Summer						
Type of course	<input type="checkbox"/> obligatory <input type="checkbox"/> limited choice X free choice / elective													
Course	X major <input type="checkbox"/> basic													
Language of instruction	<input type="checkbox"/> Polish X English <input type="checkbox"/> other													
* mark <input type="checkbox"/> with an X														
Number of hours														
Form of education														
Unit teaching the course	Lectures (L)	Seminars (SE)	Auditorium Classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated	Practical Classes with Patient	Specialist Classes – master studies	Foreign Language Course (ELC)	Physical Education	Vocational Practice (VP)	Self-Study (Student's own)	E-learning (EL)
Winter Semester:														
		10												
Summer Semester:														
		10												
TOTAL per year:														



		1																		
		0																		
Educational objectives (max. 6 items)																				
C1. Gaining the knowledge of benefits and threats of using a genetically modified food																				
C2. Characteristics of technics of obtaining genetically modified food and examples of modified nutritional products.																				
C3. Characteristics of food additives used in food industry																				
C4. Characteristics of threats of using genetically modified food and food additives – discussion based on Evidence Based Medicine																				
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class																				
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to										Methods of verification of intended education results (forming and summarising)	Form of didactic class <i>**enter the abbreviation</i>							
K 01	C. W 1.	Student knows the technics of obtaining genetically modified food										Discussion	SE							
K 02	D. W 40.	Student knows the examples of genetically modified food with marketing authorisation										Discussion	SE							
K 03	D. W 40.	Student knows the rules of marketing authorisation of genetically modified food										Discussion	SE							
K 04	C. W 10.	Student knows potential benefits and threats of using genetically modified food										Discussion	SE							
K 05	D. W 33.	Student knows division and basic characteristics of food additives										Discussion	SE							
K 06	D. W 36.	Student knows application of food additives and their potential influence on human health										Discussion	SE							
S 01	D. U 29.	Student recognizes food additives and can characterize them										Discussion	SE							
S 02	D. U 29.	Student can assess influence of different food additives on human health										Discussion	SE							
S 03	D. U 26.	Student can identify different food additives on food labels										Discussion	SE							
S 04	B. U 13.	Student can give arguments for and against of using genetically modified food										Discussion	SE							
S 05	D. U 17.	Student recognizes differences between prospective and										Discussion	SE							



		retrospective studies; randomized and clinically-controlled studies; case studies and experimental studies and is able to rang those types of studies in the matter of their credibility and quality of scientific proof		
<p>** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (master studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .</p>				
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Knowledge: 5 Skills: 3</p>				
Student's amount of work (balance of ECTS points)				
Student's workload (class participation, activity, preparation, etc.)			Student Workload (h)	
1. Contact hours:			10	
2. Student's own work (self-study):			3	
Total student's workload			13	
ECTS points for module/course			0,5	
Comments				
Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)				
Lectures				
1.				
2.				
3.				
Seminars				
1. Introduction to genetically modified food – genetics, history, genetical engineering, biotechnology				
2. Genetically Modified Organisms (GMO)				
3. Benefits and threats of using genetically modified food				
4. Characteristics and division of food additives used in food industry				
5. Food Safety legislation				
Classes				
1.				
2.				
3.				
Other				
1.				
2.				
3.				
etc. ...				
Basic literature (list according to importance, no more than 3 items)				
1. Mahan L. „Krause’s Food and Nutrition Therapy” Saunders Elsevier, 2008				
2. Victor Tutelyan “Genetically Modified Food Sources 1 st Edition” Elsevier 2013				
Additional literature and other materials (no more than 3 items)				



1. Yasmine Motarjemi "Encyclopedia of Food Safety" Elsevier 2013

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

Laptop, projector

Preliminary conditions (minimum requirements to be met by the student before starting the module/course)

Basics of physiology, genetics and public health

Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades):

Presence and active attendance in the classes, preparation of presentation on chosen topic

Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	Not applicable
Above Good (4.5)	
Good (4.0)	
Sufficiently Good (3.5)	
Sufficient (3.0)	

Name and address of module/course teaching unit, contact: telephone and e-mail address

Katedra i Zakład Medycyny Społecznej ul. O. Bujwida 44, 50-345 Wrocław tel 71 3282145 e-mail. Agnieszka.cieslak@umed.wroc.pl

Coordinator / Person responsible for module/course, contact: telephone and e-mail address

dr hab. n. med. Katarzyna Zatońska tel. 71 328 21 43, e-mail: katarzyna.zatonska@umed.wroc.pl

List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.

mgr Alicja Basiak, PhD studies, dietician

Forma prowadzenia zajęć: seminaria



Date of Syllabus development

01.06.2017

Syllabus developed by

dr hab. n. med. Katarzyna Zatońska

mgr Alicja Basiak

Signature of Head of teaching unit

Signature of Faculty Dean

Wrocław Medical University
FACULTY OF MEDICINE
VICE-DEAN FOR STUDIES IN ENGLISH

Prof. Andrzej Hendrich, PhD