

CHART OF DISCIPLINE/ SYLLABUS

1. Study Program Data

1.1 High Education Institution	"VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY OF TIMIȘOARA
1.2 Faculty	MEDICINE
1.3 Department	VII –Internal Medicine 2
1.4 Study Domain	Medicine
1.5 Cycle Studies	License
1.6 Study programme/ Qualification	Medicine

2. Course Data

2.1.Course/Department	Nutrition in pathology							
2.2 Course tutor	Șef de lucrări dr. Vlad Avram							
2.3 Practical activity tutors	-							
2.4. Year of study	V	2.5 Semester	1	2.6 Assessment	Coloquim	2.7 Course rank	Content	
							Mandatory /Compulsory	DO

3. Duration/Estimated Time (number of hours/ semester of teaching activity)

3.1 Number of hours/ week	1	3.2 of which course:	1	3.3 laboratory	-
3.4 Total hours of curriculum	14 (1 x 14 pt. 1 sem.)	3.2 of which course:	14	3.6 laboratory	-
Time distribution for course activities					Ore
Study support- manuals, lectures, references and notes					14
Additional documentation – library, dedicated platforms from domain					10
Documentation for seminars/ practical activity/ projects, themes, portofolios and essays					10
Tutoring					
Assessment					2
Other activities					
3.7 Total number of hours for individual study	34				
3.8 Total number of hours per semester	50 (1 credits x 25 hours/credits)				
3.9 Number of credits	2				

4. Preconditions (if applicable and requested)

4.1 Courses- studied curriculum / rules for attending the course	-
4.2 Practical activities/seminars/projects studied curriculum, basic skills/ rules for attending the course	-

5. Condition (if applicable and requested)

5.1 Courses	<ul style="list-style-type: none"> Cell phones will be turned off during the course, as talking on the phone will not be tolerated during the course, nor will the students be allowed to leave the course room in order to answer the phone; Tardiness will not be tolerated as it is disruptive to the educational process; Course attendance is mandatory, with a maximum number of accepted absences being of 50% of the total number of courses
5.2 Laboratory/practical activity/ project	-

6. Key acquired competences and basic skills

Professional Competences	<ol style="list-style-type: none"> 1. Learning the basic terminology in the nutrition of various pathologies 2. The capacity to evaluate the energetic and nutritional intake of a person in various pathologies 3. Description of the concepts and necessary nutritional needs in various pathologies 4. Interpreting of lab results relating to the various aspects of the studied pathologies and the recommended diets proposed as treatment
Transversal Competencies	<ol style="list-style-type: none"> 1. Identifying the role and responsibilities in a multidisciplinary team and undergoing of projects specific to this domain, with the proper application of the deontological norms of professional ethics 2. The efficient use of information and communication sources, assisted professional development in the undergoing of projects and studies in order to assure continuous professional and personal development 3. The preoccupation for professional improvement through the training of critical and analytical thinking, demonstrated through active participation during the course; 4. Implication in research through writing studies and articles; 5. The efficient use of information and communication sources and those of assisted professional development (portals, specialty software, data bases, online courses) in both Romanian and an internationally spoken language.

7. Disciplines/Course objectives (based on the key competences)

7.1 Disciplines/Course general objectives	<ol style="list-style-type: none"> 1. Basic knowledge regarding healthy nutrition and food safety in various pathological states
7.2 Disciplines/Course specific objectives	<ol style="list-style-type: none"> 1. Promoting health in various pathological states. 2. Evaluation of the state of health in various pathological states and adequate nutritional counseling.

8. Content

8.1 Course	Teaching method	Number of hours	Notification
1. Nutrition for the patient with obesity	<ul style="list-style-type: none">• Structured oral presentations supported by Powerpoint slides, interactive, accompanied by pictures.• The lectures are periodically checked-up and completed with relevant new information.• Each lecture begins with the disclaimer of the educational objectives and finishes with a brief summary of the knowledge presented.	1	<ul style="list-style-type: none">• The optional references are available at the discipline and at the library of the university.
2. Nutrition for the patient with dyslipidemia		1	
3. Nutrition for the patient with type 1 diabetes mellitus		1	
4. Nutrition for the patient with type 2 diabetes mellitus		1	
5. Nutrition for the patient with gout		1	
6. Nutrition for the patient with hepatic cirrhosis		1	
7. Nutrition for the patient with chronic kidney disease		1	
8. Nutrition for the patient with hemorrhagic colitis and Chron’s disease		1	
9. Nutrition for the patient with stomach ulcers		1	
10. Nutrition for the patient with celiac disease		1	
11. Nutrition for the patient with oncologic pathology		1	
12. Nutrition for the patient with pancreatic pathology		1	
13. Nutrition for the patient with irritable bowel		1	
14. Nutrition for the patient with arterial hypertension		1	
Bibliografie: 1. Geissler C, Powers H. Human Nutrition, 12 th Edition. Churchill Livingstone Elsevier, 2011. 2. Gibney MJ, Lanham-New AS, Cassidy A, Vorster HH. Introduction to Human Nutrition. 2 nd edition. Wiley Blackwell, 2009. 3. Escott-Stump S. Nutrition and Diagnosis-Related Care, 7 th edition. Lippincott Williams & Williams, 2012. 4. Shils ME, Shike M, Ross AC, Caballero B, Cousins RJ. Modern Nutrition in Health and Disease, 10 th Edition. Lippincott Williams & Wilkins, 2006. 5. Width M, Reinhard T. The Clinical Dietitian’s Essential Pocket Guide. Lippincott Williams and Wilkins, 2009. 6. Larson Duyff R. American Dietetic Association Complete Food and Nutrition Guide. 2 nd Edition, John Wiley and Sons, 2002. 7. Lean MEJ. Fox and Cameron’s Food Science, Nutrition and Health. 7 th Edition. Hodder Arnold, 2006			

9. Correlations between the content of the course and the requirements of the professional field and relevant employers

Knowledge is diversified and modified in each patient according to the pathology;
 In the current conditions this subject assures that qualified personnel are available for the monitoring of persons with varied pathology with a major impact in society
 The interest for programs which evaluate the nutritional status according to associated pathology is high and opens clear new perspectives in the future.

10. Assessment

Activity	10.1 Assessment criteries	10.2 Assessment methods	10.3 Percentage of the final grade
10.4 Course	<i>Knowledge for grade 5:</i> -summary notions regarding the nutrition of a patient according to the associated pathology <i>Knowledge for grade 10:</i> - extensive notions regarding the nutrition of a patient according to the associated pathology -knowledge of the methods through which the nutritional status of the patient may be evaluated according to the associated pathology -steps taken in the monitoring and evaluation of intervention according to associated pathology	<i>Final evaluation:</i> paper presentation on a given theme; <i>Continuous evaluation:</i> evaluation of activity during the course.	100%
10.6 Minimum performance standard-basic knowledge			
Knowledge of the clinical and paraclinical indicators of nutritional status in patients with the following pathologies: cardiovascular, oncologic, digestive and metabolic.			

Date	Signature of the course holder Şef de lucrări dr. Vlad Avram	Signature of the laboratory/seminar holder
Signature of the Head of Discipline Prof. Dr. Romulus Timar		
Date of approval in the Department	Signature of the Head of Department Prof. Dr. Viviana Ivan	