

**COMMUNITY NUTRITION AND EPIDEMIOLOGY II**

Course Title	Code	Semester	Theoretical (hours/week)	Practice (hours/week)	Laboratory (hours/week)	ECTS
COMMUNITY NUTRITION AND EPIDEMIOLOGY II	BDB306	6. Spring	3	0	0	3
Prerequisites	None					
Language of Instruction	Turkish					
Course Type	Compulsory					
learning and teaching techniques of the Course	Expression, Question & Answer, Display, Practice - Drill, Literature search, Project / Field Study					
Instructor(s)	Prof. Dr. Nurten BUDAK					
Goal	To teach the nutritional problems of special groups, the reasons of nutritional problems and solutions and implementation and preparation of national and international food and nutrition policies.					
Learning Outcomes	<ol style="list-style-type: none"><li>1. To be able to learn the nutritional problems of susceptible groups in society, understand the reasons of the problems, understand the importance and learn the solutions.</li><li>2. Understand the role of descriptive / analytical epidemiological studies in examining the relationship between nutrition and health and comprehend the similarities between life and demographic, social and economic aspects of both local and European conditions and how these similarities / differences can affect health.</li><li>3. To have knowledge about the formation and application of food, nutrition and public health policies in Turkey and in the world.</li><li>4. Understand the role of dietitian in the development of public health, plan nutrition of public health policies, evaluate management and coordination.</li><li>5. Being able to learn about the monitoring of the growth of the protein-energy malnutrition epidemiology in Turkey and the world, supporting and encouraging mother's protection for protection.</li><li>6. To be able to learn the epidemiology of chronic diseases related to obesity and nutrition and to evaluate and interpret the situation with the practice.</li><li>7. To be able to learn vitamins and minerals deficiencies and epidemiology, to understand importance and to get information about solutions</li></ol>					
References	<ol style="list-style-type: none"><li>1. Michael J. Gibney, Barrie M. Margetts, John M. Kearney ve Lomore Arab. Public Health Nutrition 1st Edition, 2004, Blackwell Publishing</li><li>2. Nweze Eunice Nnakwe. Community Nutrition 1st Edition, 2009, Jones and Bartlett Publishers</li><li>3. WHO publications</li><li>4. International journals</li><li>5. ILSI publications</li></ol>					

**Course Outline Weekly:**

WEEKS	TOPICS
1. Week	Nutrition problems, proposal of solutions to problems, risk groups nutrition and nutrition politics and importance
2. Week	Descriptive and analytical epidemiological studies and study planning
3. Week	Can develop public health policy
4. Week	PEM and epidemiology, sustenance, development and support of breastfeeding, monitoring of growth
5. Week	Obesity and epidemiology, nutritional-related chronic diseases and epidemiology 6. Iodine deficiency diseases and epidemiology
6. Week	Iodine deficiency diseases and epidemiology
7. Week	Iron deficiency anemia and epidemiology
8. Week	<b>MIDTERM EXAM</b>
9. Week	Zinc deficiency and epidemiology
10. Week	Vitamin D deficiencies: Rickets, osteomalasia, osteoporosis and epidemiology
11. Week	Folate deficiency and epidemiology
12. Week	Other vitamin deficiencies and epidemiology
13. Week	Dental health and epidemiology
14. Week	Nutrient enrichment and nutritional support
15. Week	General review

**ECTS (Student Work Load Table)**

Activities	Number	Duration	Total Work Load
Course Duration (X14 )	14	2	28
Laboratory			
Practice			
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)	14	2	28
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)			
Seminars			
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam	1	7	7
Final Exam Preparation Time	1	12	12
<b>Total Work Load ( hour) / 25(s)</b>	<b>75/ 25=3</b>		
<b>ECTS</b>	<b>3</b>		

**Evaluation System**

Mid-Term Studies	Number	Contribution
Midterm exams	1	%100
Quiz		
Laboratory		
Practice		
Field Study		
Course Internship (If There Is)		

Homework's		
Presentation and Seminar		
Project		
Other evaluation methods		
<b>Total Time To Activities For Midterm</b>		100
<b>Final works</b>		
Final	1	%100
Homework		
Practice		
Laboratory		
<b>Total Time To Activities For Midterm</b>		100
Contribution Of Midterm Studies On Grades		%50
Contribution Of Final Exam On Grades		%50
<b>Total</b>		100

**The relationship between learning outcomes and the program qualifications of the courses**

Program Qualifications	Learning outcomes						
	L.O.1	L.O.2	L.O.3	L.O.4	L.O.5	L.O.6	L.O.7
1. To acquire information in the basic and social sciences as the Dietitian as he profession entails and make use of it for life.							
2. To develop personalized diet and programme in accordance with the principles of adequate and balanced nutrition.							
3. To improve and develop the food and nutrition plans and policy for the development of individuals with the energy and nutrient element requirements with scientific method detection, health protection	4	4	4	4	4	4	4
4. To determine and evaluate individual, the community and the patient's nutritional status by applying up-to-date information gained in the field of nutrition and dietetics. He/She can use the knowledge to raise the level of community health and the quality of life.	4	4	4	4	4	4	4
5. Assess the nutritional status of the patients, evaluate the clinical symptoms, plan and apply individualized medical nutrition therapy for the patients.							

6. The student can understand the basic values and culture of the society he/she is living in and gain the skill to transform him/herself in a positive way							
7. Dietitian can improve products, make laboratory practice on elements affecting analysis and quality of nutrition, review and evaluate them regarding the legal regulations							
8. The student embraces the concepts with regard to biological systems that form the basis of human health, Anatomy, Physiology, and the sustainability of them.							
9. The student can participate in Nutrition and Dietetics practices individually and/or with in a team, use, apply, discuss and share scientific and evidence based knowledge in nutrition and dietetics practice with team and team members, develop and demonstrate effective skills using oral, print, visual methods in communicating and expressing thoughts and ideas, communicate with all stakeholders within ethical principles. Develop and demonstrate effective communications skills using oral, print, visual, electronic and mass media methods	4	4	4	4	4	4	4
10. Dietitian has knowledge to develop food and nutrition plans and policies for protection of health, in order to improvement and development by using methods for determining the nutritional status.	5	5	5	5	5	5	5

**Contribution to the level of proficiency: 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent**