



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Clinical Nutrition Children's Field Practice							
Course Code		BDB400		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	10	Workload	251 (<i>Hours</i>)	Theory	2	Practice	10	Laboratory	0
Objectives of the Course		To gain knowledge on the follow-up methods in the field of clinical pediatric dietetics, to be able to understand the related researches and to interpret the clinical practices concerning nutrition therapies in pediatric diseases.							
Course Content		Infant formulas, classification, and area of usage, Prematurity and nutrition therapy, fetal nutrition and its relation to chronic diseases, Malabsorptions and nutrition therapy, Malnutrition and nutrition therapy, Gastroenterites and nutrition therapy, Inborn errors of metabolism and nutrition therapy, Diabetes mellitus and nutrition therapy, Enteral and parenteral nutrition, Kidney diseases and nutrition therapy, Food allergies and nutrition therapy, Eating behaviour diseases, Childhood obesity obesity and nutrition therapy, Metabolic sendrome and nutrition therapy, Congenital heart diseases and nutrition therapy, Neurologic diseases and nutrition therapy, Nutrition deficit disorders and nutrition therapy, Infectious diseases and nutrition therapy , Neoplastic diseases and nutrition therapy, Fetal Nutrition and Its Relation to Chronic Diseases							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Lec. Ayçıl ÖZTURAN ŞİRİN, Prof. Dide KILIÇALP							

Prerequisites & Co-requisites

Prerequisite	BDB310&BDB337
Co-requisite	BDB429

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Final Examination	1	60
Assignment	1	10
Verbal Examination	1	20
Report	1	10

Recommended or Required Reading

1	Prof Dr. Gülden Köksal, Uz. Dyt Hülya Gökmen. Çocuk Hastalıklarında Beslenme Tedavisi, Hatiboğlu Yayınevi, 2000, Ankara
2	Acosta PB, Yannicelli S. The Ross Metabolic Formula System Nutrition Support Protocols, 3rd Ed, Ohio, 1997.
3	Beslenme ve Diyet Dergileri
4	Vanessa Shaw, Margeret Lawson. Clinical Paediatric Dietetics, 4th Edition, Blackwell Publishing, BDA Paediatric Group, London, 2008.

Week	Weekly Detailed Course Contents	
1	Theoretical	Placement and discussing in infant formulas, classification, and area of usage
	Practice	Internship
2	Theoretical	Placement and case studies in prematurity
	Practice	Internship
3	Theoretical	Placement and case studies in malabsorptions
	Practice	Internship
4	Theoretical	Placement and case studies in malnutrition
	Practice	Internship
5	Theoretical	Placement and case studies in inborn errors of metabolism
	Practice	Internship
6	Theoretical	Placement and case studies in diabetes mellitus
	Practice	Internship
7	Theoretical	Placement and case studies in enteral and parenteral nutrition



7	Practice	Internship
8	Theoretical	Placement and case studies in kidney diseases
	Practice	Placement and case studies in food allergies
9	Theoretical	Internship
	Practice	Placement and case studies in eating behaviour diseases, obesity, metabolic syndrome
10	Theoretical	Placement and case studies in infectious diseases, neoplastic diseases
	Practice	Internship
11	Theoretical	Placement and case studies in congenital heart diseases
	Practice	Internship
12	Theoretical	Placement and case studies in neurologic diseases and fetal nutrition and its relation to chronic diseases
	Practice	Internship
13	Theoretical	Placement and case studies in nutrition deficit disorders
	Practice	Internship
14	Theoretical	Case presentations in rare diseases, patient file investigation, nutrition education ability, , homework delivery, diet planning
	Practice	Internship

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Lecture - Practice	14	1.5	10	161
Practice Examination	1	10	2	12
Final Examination	1	20	2	22
Total Workload (Hours)				251
[Total Workload (Hours) / 25*] = ECTS				10

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Have gained knowledge and skills on the clinical nutrition in pediatric dietetics.
2	Have gained knowledge on the clinical practices in paediatric dietetics by observing
3	Have learned the methods for patient follow-up in the out and in patient clinics.
4	Have gained skills on the reading patients' file, analysing the information, planning nutrition and diet therapy according to patients' clinical and laboratory findings.
5	Be able to access, analyse and present the knowledge related to pediatric dietetics
6	Be able to gain teamwork ability with all partners on pediatric dietetics
7	Have attended clinical nutrition studies in pediatric diseases.
8	Have gained skills on the problems and its solutions in paediatric dietetics.

Programme Outcomes (Nutrition and Dietetics)

1	Assess, apply and evaluate the accuracy, reliability and validity of basic knowledge and evidence based current scientific developments on nutrition and dietetics.
2	Assess scientifically the energy and nutrients need of individuals and develop nutrition plans and programs for the clients according to the principles of adequate and balanced nutrition and assessment of energy and nutrient requirements
3	Develop food and nutrition plans and policies for the prevention and promotion of healthy lifestyle applying the methods of nutritional assessment for the population.
4	Assess the nutritional status of the patients, evaluate the clinical symptoms, plan and apply individualized medical nutrition therapy for the patients.
5	Evaluate the factors affecting the quality of food consumed by the individuals and populations from production to consumption and implement the legal standards and legislations on food safety and food security.
6	Consider, interpret and apply the basic scientific knowledge on nutrition and dietetics especially have skills on critical thinking, problem solving and decision making and use effectively the appropriate current technologies and computer, demonstrate skills in preparing research manuscripts, project proposals, collecting and verifying data and writing report.
7	Assess, evaluate and interpret the nutritional status of the individuals and population groups using current knowledge, develop preventive measures, apply medical nutrition therapy, demonstrate active participation, teamwork and contributions with national and international stakeholders in health and social areas, in terms of ethical principles.
8	Plan menus in the institutional food service systems depending on the energy and nutrient requirements of target groups in the scope of nutrition and dietetic principles, take care of food safety in all settings from purchase of food to service, apply appropriate service using technological developments.



9	Develop and use effective strategies for the education, counseling and encouragement of individuals and population groups to facilitate behavior change and choose healthy and safety foods, prepare and update the related educational materials.
10	Apply laboratory work on product development, food analysis and related factors effecting food quality and interpret the results and evaluate them according to the legal arrangements.
11	Plan, manage, evaluate, monitor and report researches and programs to educate and increase and improve the knowledge and awareness of individuals and population groups on healthy nutrition during all lifecycle period, and lead such activities, support and take role in the preparation and implementation of national and international food and nutrition plans and policies.
12	Work and perform duties in the scope of occupational responsibilities and ethical principles, understand the importance of lifelong learning, follow the latest developments (innovations) in science, technology and health, demonstrate professional attributes for the enhancement of nutrition and dietetics profession.
13	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
14	Plan, apply, monitor and evaluate individualized medical nutrition therapy within interdisciplinary approaches, considering the sociocultural, economical status of patients in various age groups and also contribute to clinical researches.

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5	L6	L7	L8
P1	4	5	5	3	4	4	3	3
P2	4	5	4	3	4	4	5	5
P3	3	4	5	5	5	5	4	4
P4	5	4	4	4	3	3	4	4
P5	4	5	3	5	3	5	5	4
P6	4	3	3	5	5	4	4	5
P7	5	3	5	4	4	5	4	5
P8	5	5	4	5	5	5	5	4
P9	3	4	5	5	4	5	3	5
P10	5	5	5	4	5	4	5	4
P11	4	3	4	4	3	3	4	5
P12	5	5	3	5	3	5	5	3
P13	5	4	5	3	5	4	4	5
P14	4	3	4	5	4	5	5	4

