

NUTRITION AND DIETETICS

Course Code	Course Name	C/E	T	P	C	ECTS
AİT 103	Principles of Atatürk and the History of Turkish Revolution 1	C	2	0	2	2

Course Content

A Concise Political History of Ottoman Empire 1300-1914, Decline and the Ottoman Modernization Ottoman State and Society in Classical Period, The organization of National Resistance Movement: The Circular of Amasya, The Congresses of Erzurum and Sivas Invasions, Mustafa Kemal and National Resistance Movement Ottoman Empire in the First World War I, Armistice of Mudros, The Treaty of Sevres and the National Liberation War against the Armenians and Greeks I, The Armistice of Mudanya and the Peace Treaty of Lausanne.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 105	Professional Orientation I	C	1	0	1	1

Course Content

History of Nutrition and Dietetics, guides for improving occupational standards, deontology, ethical and legal standards.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 113	Principles of Nutrition I	C	2	3	3	6

Course Content

Introduction to nutrition; fundamental concept, nutrient functions, human nutritional requirements, food sources, evaluating nutrition information, food safety, role of nutrition in chronic diseases, nutrition policy, nutrition and the environment. Main focus is on macro nutrients; carbohydrates, proteins and lipids. Assessment of the foods according to their energy, carbohydrate, protein and fat contents, teaching daily energy, carbohydrate, protein and fat requirements for different ages and genders, and type and amounts of foods that can provide these nutrients, and do practical work on these subjects, application of individual dietary records and physical activity records for assessing nutritional status, and developing recommendations for healthy eating.

Course Code	Course Name	C/E	T	P	C	ECTS
CHM 101	Chemistry I	C	3	2	4	5

Course Content

Matter-its properties and measurement, atoms and atomic theory, chemical compounds, chemical reactions, reactions of aqueous solutions, gases, electrons in atoms, the periodic table and some atomic properties, chemical bonding.

Course Code	Course Name	C/E	T	P	C	ECTS
MTH 117	Basic Mathematics	C	3	0	3	3

Course Content

Set theory, relations, functions, exponentials and radicals, logarithm, permutation, combination and binomial theorem, matrices, determinants and systems of linear equations.

Course Code	Course Name	C/E	T	P	C	ECTS
ECO 115	General Economics	C	3	0	3	3
Course Content The main concepts and fundamental problems of economics, economic systems, introduction to price theory, consumer equilibrium, theory of firm, basic concepts and fundamental problems of macro economy and public accounting problems.						

Course Code	Course Name	C/E	T	P	C	ECTS
ENG 101	English I	C	3	0	3	3
Course Content It covers teaching academic reading skills for the students at the faculties where the medium of instruction is English.						

Course Code	Course Name	C/E	T	P	C	ECTS
TUR 101	Turkish Language I	C	2	0	2	2
Course Content What is language? The place and the importance of the language in the life of a nation as a social institution, the relationship between language and culture, the place of Turkish language among the world's languages, the development and historical periods of Turkish language, today's situation and expansion of Turkish language, the sounds and classification of sounds in Turkish language, the sound characteristic of Turkish, the usage syllables, emphasis, grammar and punctuations rules, constructive suffixes, adverbs, particles.						

Course Code	Course Name	C/E	T	P	C	ECTS
YİT 101	Turkish for Foreign Students I	C	2	0	2	2
Course Content Basic rules of Turkish, phonetics (sounds, alphabet reading rules), vocabulary (recognition of words as structure, relations between words), sentence knowledge (sentence organizations, general structure and sentence types), reading-writing (reading rules and writing techniques, spelling rules, comprehension of speech and writing language. spelling rules.) reading-comprehension (reading comprehension techniques, applications on texts), listening (understanding what is listening, making the necessary interpretation by taking notes, practices on texts suitable for students' own professions), speaking (learning speaking techniques, learning certain forms such as emphasis and intonation, applications on appropriate texts)						

Course Code	Course Name	C/E	T	P	C	ECTS
BES 103	Nutrition Basics-I	E	1	0	1	3
Course Content Definition of nutrition, importance of nutrients in human health, basic food sources for nutrients and energy.						

Course Code	Course Name	C/E	T	P	C	ECTS
FHS 155	Self Knowledge and Communicaiton Skills	E	2	0	2	3
Course Content Self-awareness, ways of self awareness, practice of self-awareness, assertive behavior, passive behavior, manipulative behavior, empathy, emphatic communication, human and cognitive traits, cognitive distortances, stress and coping with stres, solving problem, patient-dietitian relationship, interpersonal communication conflict and solving of it.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 107	Nutritional Anthropology	E	1	0	1	3
Course Content						
Food and nutrition from evolutionary, behavioural, social and cultural perspectives, and how these interact in the production of nutritional health at the individual, community and population levels.						

Course Code	Course Name	C/E	T	P	C	ECTS
AID 103	First Aid	E	2	0	2	3
Course Content						
The definition and importance of first aid, disaster management, watching first aid films, evaluation of the scene and the patient / injury, removal of the injury from the accident environment and transportation, basic life support, bleeding and shock, poisonings, animal and human bites, traumas (soft tissue, burns, hot strikes and freezing, drowning, foreign body abduction in the eyes, nose and ears, civil defense issues and classroom practices.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 115	Food Diversity	E	2	0	2	2
Course Content						
Basic concepts of nutrition and food diversity. Importance of food diversity on health promotion. Food groups and functions of particular food groups on overall health.						

Course Code	Course Name	C/E	T	P	C	ECTS
AİT 104	Principles of Ataturk and the History of Turkish Revolution 2	C	2	0	2	2
Course Content						
Discussion on "revolution", "Evolution" and the great revolutions in history. Transformation in the Political system: From a Sultanate to Republic Transformation in education and cultural life Transformation in Social and economical life. Unsuccessful attempts for multi-party system and consolidation of the Single Party Regime. Atatürkçülük/Kemalizm and the 6 principles of Ataturk, Nationalism, Secularism-Laicism, Populism. Sheikh Said Rebellion: Kurdish Nationalism or A Reaction to Secular policies of the new regime Turkey During the Second World War. Turkey and the League of Nations Turkey in the Regional Organizations. Turkish Foreign Policy and the Foreign Policy Issues Statism, Republicanism, Revolutionism.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 106	Professional Orientation II	C	1	0	1	1
Course Content						
To learn and improve basic knowledge about nutrition and nutritional disorders. Importance of optimal nutrition on overall well-being.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 114	Principles of Nutrition II	C	2	3	3	6

Course Content

Structures, definitions, classifications, functions, sources, recommended dietary allowances, excessive intakes and toxicity symptoms of vitamins and minerals. Nutrient Contents, processing and cooking methods of food groups, applications in the laboratory of some basic and conventional recipes according to the nutritional principles. Assessment of the foods according to their energy, carbohydrate, protein and fat contents, teaching daily energy, carbohydrate, protein and fat requirements for different ages and genders, and type and amounts of foods that can provide these nutrients, and do practical work on these subjects, application of individual dietary records and physical activity records for assessing nutritional status, and developing recommendations for healthy eating.

Course Code	Course Name	C/E	T	P	C	ECTS
CHM 102	Basic Chemistry II	C	3	2	4	5

Course Content

Chemical equilibrium, chemical kinetics, acids and bases, organic chemistry.

Course Code	Course Name	C/E	T	P	C	ECTS
MLB 102	Molecular Biology	C	3	0	3	3

Course Content

Living systems, biomolecules, cell structure and function, energy metabolism, DNA structure, synthesis and function, DNA packaging and fine structure of chromosomes, RNA structure, synthesis and function, genetic Code and protein synthesis, basic principles in inheritance and Mendel inheritance in single gene disorders, cell cycle and cell divisions, mutation, genetic basis of cancer, molecular genetic techniques.

Course Code	Course Name	C/E	T	P	C	ECTS
PSY 102	Psychology	C	2	0	2	2

Course Content

Development; principles learning and behavior; language and communication; drives and motivations; arousal and awareness; feelings and emotions; sensations and perception; personality; behavioral abnormalities and therapies; attitude and prejudice; social behaviors. Examine the life process of human being from the beginning of childhood.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 120	Food Choice in Optimal Nutrition	C	2	0	2	2

Course Content

Information on Food Groups and their benefits and how they function in the body.

Course Code	Course Name	C/E	T	P	C	ECTS
ENG 102	English II	C	3	0	3	3

Course Content

This Course is the second stage of the reading Courses designed to teach academic reading skills to the first year students in spring term at the faculties where medium of instruction is English.

Course Code	Course Name	C/E	T	P	C	ECTS
TUR 102	Turkish Language II	C	2	0	2	2

Course Content

Sentences, the analyze of sentences, the oral and written expression, the problems in expression, the rules that must be obeyed during the preparation of scientific writings (report, article, announcement... etc.) by being supported by the example texts which have been chosen from Turkish and world's literature, the development of the student correctly and well speaking and the ability of his writing skills and the rhetoric practice about this.

Course Code	Course Name	C/E	T	P	C	ECTS
YİT 102	Turkish for Foreign Students II	C	2	0	2	2

Course Content

Basic rules of Turkish, phonetics (sounds, alphabet reading rules), vocabulary (recognition of words as structure, relations between words), sentence knowledge (sentence organizations, general structure and sentence types), reading-writing (reading rules and writing techniques, spelling rules, comprehension of speech and writing language. spelling rules.) reading-comprehension (reading comprehension techniques, applications on texts), listening (understanding what is listening, making the necessary interpretation by taking notes, practices on texts suitable for students' own professions), speaking (learning speaking techniques, learning certain forms such as emphasis and intonation, applications on appropriate texts)

Course Code	Course Name	C/E	T	P	C	ECTS
COM 102	Computer Science	E	3	0	3	4

Course Content

Computers and parts of a computer system. Hardware and software. Operating systems. Windows operating system. Windows applications: Microsoft Word, Excell, and Power Point.

Course Code	Course Name	C/E	T	P	C	ECTS
BES 104	Nutrition Basics-II	E	1	0	1	3

Course Content

The influence of nutrition on health and disease.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 118	Cypriot Cuisine	E	1	0	1	3

Course Content

Historical and cultural development of national and regional/local Cypriot cuisine, foods and beverages, food processing, preparation, cooking and storage methods,cuisine operations on specific days and events

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 116	Thought Education	E	2	0	2	2

Course Content

The course that teaches how to control your thoughts in different topics.

Course Code	Course Name	C/E	T	P	C	ECTS
FHS 156	Interpersonal Relationships and Communication	E	2	0	2	3

Course Content

This lecture clarifies the interpersonal relationship and its relation to other different disciplines. It also helps to understand; different approaches, models and communication skills. Additionally, this lecture introduces a communication process which includes social context, social identity and social perception and it evaluates the relationship between these three case.

Course Code	Course Name	C/E	T	P	C	ECTS
FHS 158	Developmental Psychology	E	2	0	2	3

Course Content

Human psycho-social development, cognitive development as well as physical development throughout the lifespan.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 122	Nutrients and Health	E	2	0	2	3

Course Content

Investigation of the importance of nutrients and their relationship with health and diseases

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 124	Nutrients and Health	E	2	0	2	3

Course Content

Factors which effects food intake in elderly, importance of healthy nutrition in elderly, nutritional needs and dietary concerns of the elderly, nutritional assessments of elderly, nutritional deficiency disorders in elderly and nutritional recommendations in elderly for health protection, improvement, development.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 221	Nutritional Biochemistry I	C	3	0	3	4

Course Content

Classification of biological structures, digestion and absorption, nutrients that resist or escape digestion, regulations of energy metabolism and energy requirement.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 231	Food Chemistry and Analyses I	C	2	3	3	5

Course Content

Solutions and colloid systems. Structures, classifications and properties of carbohydrates, proteins and lipids with related quantitative and qualitative analysis. Structures and classifications of enzymes; their occurrence in foods and usage in food industry. Factors affecting enzymatic reactions. Functions and specifications of pigments, aroma and flavor compounds.

Course Code	Course Name	C/E	T	P	C	ECTS
ANT 201	Anatomy I	C	2	0	2	2

Course Content

Anatomy of musculoskeletal system, neuroanatomy, cardio-respiratory system, gastrointestinal system.

Course Code	Course Name	C/E	T	P	C	ECTS
PHS 203	Physiology I	C	2	0	2	2

Course Content

Physiology of cell, muscle, nerve, blood circulation, excretion, respiration, digestion.

Course Code	Course Name	C/E	T	P	C	ECTS
MIC 203	Basic Microbiology	C	2	2	3	5

Course Content

Basic microbiology and basic immunology.

Course Code	Course Name	C/E	T	P	C	ECTS
ENG 201	English III	C	3	0	3	3

Course Content

This Course is designed for the second year students in fall term at some faculties and departments where the medium of instruction is English. It covers teaching academic writing skills.

Course Code	Course Name	C/E	T	P	C	ECTS
YİT 201	Turkish for Foreign Students II	E	3	0	3	3

Course Content

Reading, comprehension, speaking and listening in Turkish will be emphasized. The features of speaking and written language and reading comprehension techniques will be studied with applications on the text. Listening comprehension, making the necessary interpretation by taking notes on what they listened to, students will be supported with reading texts by developing applications on texts suitable for their profession.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 207	Nutrition and Healthy Life	E	2	0	2	3

Course Content

The nutritional related diseases such as obesity, cardiovascular diseases, type-2 diabetes and cancer related with life span. Diet quality and life quality indexes.

Course Code	Course Name	C/E	T	P	C	ECTS
BES 241	Occupational English I	E	2	0	2	2

Course Content

Basic information about vocabulary that is mostly related with health topics, nutrition and dietetics.

Course Code	Course Name	C/E	T	P	C	ECTS
BES 201	Healthy Food Choices I	E	2	0	2	3

Course Content

Some terms related with foods, importance of foods, basic food groups, nutritional values of various foods, main points in food safety.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 203	Development of Health	E	2	0	2	4

Course Content

Basic concepts of health and health promotion, factors affects health, importance of nutrition and the role of dietitian, the studies on health improvement and country policy.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 211	Food Industry	E	2	0	2	3

Course Content

Understanding the food Industry, allied industries, quality factors in foods, unit operations, food deterioration, preservation methods, packaging, food productions, environmental concerns, food safety, regulation and labeling.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 222	Nutritional Biochemistry II	C	3	0	3	4
Course Content Water and fat-soluble vitamins, vitamin like substances, minerals, electrolytes and water.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 232	Food Chemistry and Analyses II	C	2	3	3	5
Course Content Food quality and affecting factors. Sensory evaluation of foods. Functional foods, pre-and probiotics, genetically modified foods, soy. Functions and properties of components which are found in fruits and vegetables, egg, milk and milk products, meat and meat products, cereals, tea, coffee, cacao and chocolate.						

Course Code	Course Name	C/E	T	P	C	ECTS
ANT 202	Anatomy II	C	2	0	2	2
Course Content Anatomy of musculo-skeletal system, neuroanatomy, cardio-respiratory system, gastrointestinal system.						

Course Code	Course Name	C/E	T	P	C	ECTS
PHS 204	Physiology II	C	2	0	2	2
Course Content Metabolism, endocrine, sensory organs and their regulation system are taught.						

Course Code	Course Name	C/E	T	P	C	ECTS
MIC 222	Food Microbiology	C	2	2	3	5
Course Content Basics of Food Microbiology, Gram-Negative Foodborne Pathogenic Bacteria, Gram-Positive Foodborne Pathogenic Bacteria, Other Microbes Important in Food, control of Microorganisms in Food.						

Course Code	Course Name	C/E	T	P	C	ECTS
IMN 202	Information Management in Nutrition of Science	C	2	0	2	2
Course Content Basic definitions and concepts of knowledge management of nutritional sciences, knowledge importance and searching skills, knowledge databases, classification of knowledge databases of nutrition and dietetic sciences.						

Course Code	Course Name	C/E	T	P	C	ECTS
ENG 202	English IV	C	3	0	3	3
Course Content Communication, communication skills, oral communication skills.						

Course Code	Course Name	C/E	T	P	C	ECTS
YİT 202	Turkish for Foreign Students II	E	3	0	3	3
Course Content Reading, comprehension, speaking and listening in Turkish will be emphasized. The features of speaking and written language and reading comprehension techniques will be studied with applications on the text. Listening comprehension, making the necessary interpretation by taking notes on what they listened to, students will be supported with reading texts by developing applications on texts suitable for their profession.						

Course Code	Course Name	C/E	T	P	C	ECTS
BES 242	Occupational English II	C	2	0	2	2

Course Content

Provide understanding for written and spoken English in contexts related to general health and nutrition.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 216	Exercise and Nutrition	E	2	0	2	3

Course Content

The importance of exercise for healthy life, effects of exercise on nutrient requirement, the importance of exercise and nutrition in various diseases.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 224	Methods of Food Control	E	1	2	2	3

Course Content

The laboratory, the sample dilution preparation of fresh food products, the total aerobic, psikrofil, yeast and mold, total and fecal coliforms, Staphylococcus spp, E. coli, Salmonella pathogen, such as analysis shows.

Course Code	Course Name	C/E	T	P	C	ECTS
BES 202	Healthy Food Choices II	E	2	0	2	2

Course Content

Some terms related with foods, importance of foods, basic food groups, nutritional values of various foods, main points in food safety.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 228	Basic Approaches in Evaluation of Dietary Assessment	E	2	0	2	2

Course Content

The significance of dietary records, different food record methods and their advantages and limitations, new technologies used in dietary recalls, dietary assessment methods for different age groups, calculation of energy and nutrient intakes by using food consumption data

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 230	Current Scientific Topics in Nutritional Sciences	E	1	0	1	2

Course Content

Investigate the current scientific articles topics in nutritional science.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 315	Mother and Child Nutrition	C	2	3	3	5

Course Content

Nutrition during pregnancy and lactation, infancy, childhood, adolescence. To comprehend the importance of healthy mother and child nutrition, to discuss the nutritional problems of childhood, to learn and investigate the current dietary practices related to these nutritional problems.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 321	Nutritional Assessment of Community	C	3	0	3	3

Course Content

Community nutrition, nutritional epidemiology and assessment methods of nutritional status and develop knowledge and skills for using these methods in the assessment of nutritional status of patients and healthy people or the community.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 343	Food Service Systems I	C	3	0	3	3

Course Content

Importance of institutional food service, catering systems, management of food services, kitchen planning and catering equipments, menu planning, methods of food purchasing/ storage and control and work safety.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 351	Medical Nutrition Therapy in Diseases I	C	2	3	3	5

Course Content

Nutritional anemias, arthritis, cancer, cardiovascular disease, diabetes, eating disorders, food allergies, human immunodeficiency virus, hypertension, metabolic disorders, obesity, and osteoporosis. To teach medical nutrition therapy of liver diseases, alcoholism, gallbladder and pancreas diseases, renal diseases, neurological and psychiatric diseases, infections, musculoskeletal system diseases and gout, pulmonary diseases, AIDS, cancer, allergy, nutrient-drug interactions, pre-post operative nutrition, metabolic stress and nutrition diagnostic test diets and practice on medical nutrition therapy.

Course Code	Course Name	C/E	T	P	C	ECTS
PTH 311	Physiopathology of Chronic Diseases I	C	2	0	2	2

Course Content

Physiopathology of obesity and other diet related chronic diseases.

Course Code	Course Name	C/E	T	P	C	ECTS
BST 301	Biostatistics	C	3	0	3	5

Course Content

Definition and the uses of statistics and biostatistics. Methods of data collection and data processing for statistical analysis. Descriptive statistics and graphics. Concept of probability and probability distributions. Tests of hypothesis. Regression and correlation analysis.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 317	Sports Nutrition and Health	E	2	0	2	2

Course Content

Energy, macro and micro nutrients (carbohydrate, protein, fat, vitamin, minerals and water) requirement, nutrition characteristics of athletes before, during and after competition and training, nutritional ergogenic aids, body composition, weight control, nutrition of specific groups (female, child, vegetarian, etc).

Course Code	Course Name	C/E	T	P	C	ECTS
FHS 335	Research Methods in Health Sciences	E	2	0	2	3

Course Content

Demonstrate a systematic understanding of quantitative and qualitative research methods, their applications, strengths and weaknesses and current methodological issues. Demonstrate a systematic understanding of health economic evaluation, its applications, strengths and weaknesses and current methodological issues. Demonstrate an advanced and critical understanding of sociological concepts of health and illness.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 301	Functional Foods and Health	E	1	0	1	3

Course Content

Definition of functional food and component, classification of functional foods, legacy of functional foods and importance at marketing.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 305	Cancer and Nutrition	E	1	0	1	3

Course Content

Cancer, cancer formation, clinics and treatment, nutritional therapy of cancer patients and nutritional support products, effects of food, nutrients and food components on cancer formation and process.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 307	Food Technology	E	3	0	3	3

Course Content

Raw material handling, processing, packaging, storage and distribution of food products are covered for each food group. Certain topics are assigned to students as term projects.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 371	General Management	E	3	0	3	5

Course Content

Economic life and business, objectives and types of firms, business system, foundation of businesses, legal structure of firms, merger of firms, management, management history, management functions, main functions of businesses, production, marketing, finance, human resource management, public relations, decision making.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 349	Nutrition Education	C	2	0	2	2

Course Content

Nutrition education principles, main curriculum for nutrition education according to disease, materials and methods for individual and group nutrition education.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 316	Pediatric Nutrition in Acute and Chronic Diseases	C	2	3	3	5

Course Content

Acute gastroenteritis, Malnutrition, Malabsorptions, Enteral-parenteral nutrition in childhood diseases, Type 1 diabetes, Metabolic disorders in children, Kidney disease and various childhood diseases and nutritional therapy. The course objective is to learn several acute and chronic disorders in pediatric patients, comprehend the importance of nutrition in pediatric diseases and to learn and investigate the current dietary treatments in pediatrics.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 322	Community Nutrition and Epidemiology	C	3	0	3	3

Course Content

Food and nutrition policies, nutritional problems and epidemiology, protein-energy malnutrition, protecting, promoting and supporting breastfeeding, growth monitoring, obesity, diet-related chronic diseases, physical activity and health, iron deficiency anemia, iodine deficiency disorders, dental caries, zinc deficiency, rickets, osteomalacia, osteoporosis, vitamin deficiencies, folic acid deficiency, nutrition of workers and elderly, management of nutrition in disasters, food fortification and supplementation, guidelines (nutrient goals, food-based dietary guidelines, food guides), national plan of action for food and nutrition of Turkey.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 334	Food Control and Legislation	C	2	0	2	2

Course Content

Basic concepts of food control and legislation, Legal regulations related with food, Factors corrupting the food safety, their effects on health and related legislations.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 344	Food Service Systems II	C	3	0	3	3

Course Content

Commercial catering staff and organizations, kitchen planning, various preparation / cooking and servicing methods, hygiene/ HACCP, cost control methods.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 352	Medical Nutrition Therapy in Diseases II	C	2	3	3	5

Course Content

Gastrointestinal diseases, gallbladder diseases, pancreatic diseases, kidney diseases, trauma, pulmonary disease, special feeding techniques, food and nutrient interactions, complementary and alternative therapies. The course objective is to learn several acute and chronic disorders in pediatric patients, comprehend the importance of nutrition in pediatric diseases and to learn and investigate the current dietary treatments in pediatrics.

Course Code	Course Name	C/E	T	P	C	ECTS
PTH 312	Physiopathology of Chronic Diseases II	C	2	0	2	2

Course Content

Physiopathology of diet related chronic diseases.

Course Code	Course Name	C/E	T	P	C	ECTS
HIN 302	Health Informatics	C	3	0	3	5

Course Content

It is a multidisciplinary field that uses health information technology (HIT) to improve health care via any combination of higher quality, higher efficiency (spurring lower cost and thus greater availability), and new opportunities. The disciplines involved include information science, computer science, social science, behavioral science, management science, and others. It deals with the resources, devices, and methods required to optimize the acquisition, storage, retrieval, and use of information in health and biomedicine.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 318	Nutrigenetics, Nutrigenomics and Personalized Nutrition	E	3	0	3	5

Course Content

The relationship of nutrigenetics and nutrigenomics issues with personal nutrition and diseases will be discussed. Nutritional genomics has tremendous potential to change the future of dietary guidelines and personal recommendations. Nutritional genomics covers nutrigenomics, which explores the effects of nutrients on the genome, proteome and metabolome, and nutrigenetics, the major goal of which is to elucidate the effect of genetic variation on the interaction between diet and disease.

Course Code	Course Name	C/E	T	P	C	ECTS
PUH 320	Community Health	E	2	0	2	2

Course Content

Community health, demography and health, health disease and community, health system and administration in Turkey, health indicators, epidemiology, environmental health, immunization, maternal health and family planning.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 320	Physical Activity and Health	E	2	0	2	3

Course Content

What is a physical activity. The relationship between physical activity and its health benefits. The relationship between physical inactivity and mortality. Physical activity and diseases. Physical activity recommendations according to age groups. National and international physical activity recommendations.

Course Code	Course Name	C/E	T	P	C	ECTS
FHS 356	Time Management	E	2	0	2	3

Course Content

Introduction to time and time management. Time wasters. Identify priorities and urgencies. Analyze how you are currently allocating your most precious resources: energy and time. Setting long term and short term goals.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 350	Nutritional Screening Tools	E	1	0	1	2

Course Content

Improvement or at least prevention of deterioration in mental and physical function, Reduced number or severity of complications of disease or its treatment. Accelerated recovery from disease and shortened convalescence. Reduced consumption of resources, e.g. length of hospital stay and other prescriptions.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 354	Nutrition Education	C	2	0	2	2

Course Content

Nutrition education principles, main curriculum for nutrition education according to disease, materials and methods for individual and group nutrition education.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 356	Scientific Publication Analysis	C	2	0	2	2

Course Content

Content analysis of articles in the field of nutrition and dietetics using the current literature.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 431	Graduate Thesis	C	0	3	2	5

Course Content

Planning and conducting a research on food, nutrition and dietetics related subjects. Under supervision of a faculty member, the student will design and conduct a research project and prepare a written paper including a review of literature, identification of the problem, methodology, results and discussion, summary and citing of references.

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 448	Professional Practice in Children's Hospital	C	0	14	6	7
Course Content Nutritional Treatment in Metabolic Disorders, malabsorptions and nutrition, prematurity, formulas, diabetes and medical nutrition therapy, micronutrients in child health, obesity, metabolic syndrome and eating disorders, enteral ve parenteral nutrition, infection diseases and nutrition, burns and nutritional therapy, oncologic disorders and nutritional therapy in children, kidney diseases and nutritional therapy.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 449	Professional Practice in Adult's Hospital	C	0	14	6	7
Course Content Medical nutrition therapy, and clinic symptoms of obesity, eating disorders, diabetes mellitus, reactive hypoglycemia, choronary artery diseases, hypertention, gastrointestinal tract diseases, liver, biliary systemand exocrine pancreas diseases, rheumatic disease, infection, renal disorders, food allergyand food intolerance, pulmonary disease, Human Immunodeficiency Virus Disease, cancer, neurological and psychiatric diseases, pre-post operative nutrition, metabolic stres: sepsis, trauma, burns and surgery, enteral and parenteral nutrition support, food-drug interactions.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 450	Professional Practice in Institutional Food Service Systems	C	0	14	6	7
Course Content Practicing the techniques of institutional dietitian (Dietetic Internship) by the supervisors.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 451	Professional Practice in Hospitals and Institutions	C	0	14	6	7
Course Content Techniques of hospital and institutional dietitian (Dietetic Internship) by the supervisors.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 441	Professional Practice in Nutrition and Dietetics Field	C	0	35	9	6
Course Content Nutritional status and nutrition habits, implementation of nutrition education and increasing awareness on nutrition and health, the community and individuals, development of nutrition education programmes/ materials for specific populations.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 445	Seminar	C	0	2	1	3
Course Content Searching, discussion and presentation of data about special subject in food, nutrition and dietetics area under a supervision of a faculty member.						

Course Code	Course Name	C/E	T	P	C	ECTS
FHS 403	Branding Strategies and Personal Branding	E	2	0	2	2
Course Content Branding concept and definition. The difference between product and brand. Basic elements of personal brand creation process. Basic dimensions of brand personality concept. Brand management strategies. Building strategies to create brand name.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 405	Counselling in Nutrition and Dietetics	E	1	0	1	2
Course Content Consulting services in the area of nutrition and dietetics.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 407	Eating Disorders	E	1	0	1	2
Course Content Nutrition and its importance, The description of eating disorders and its varieties, The eating disorders in Cyprus and in the world, The causes of eating disorders and nutrition, medical nutrition therapy of these disorders.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 411	Current Applications in Pediatrics I	E	3	0	3	5
Course Content The aim of the lecture is to analyze medical nutrition therapy approaches in the field of pediatrics with the most up-to-date information and to make case studies.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 419	Enteral and Parenteral Nutrition I	E	2	3	3	4
Course Content To gain knowledge on the nutritional assessment methods, requirements, products and practices in different diseases in the field of enteral and parenteral nutrition in adults.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 413	Current Applications in Medical Nutrition Therapy I	E	3	0	3	5
Course Content To examine the current approaches in the medical nutrition therapy of diseases and to develop critical thinking skills about their applicability and practical use, and to discuss based on references.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 415	Menu Planning in Diseases I	E	3	0	3	5
Course Content Menu planning by applying medical nutrition therapy to case studies.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 417	Mediterranean Diet and Health I	E	3	0	3	5
Course Content Learning the Mediterranean diet, compliance with this diet and its relationship with health.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 421	Nutrient-Drug Interaction	E	2	0	2	4
Course Content To obtain information about the definition of the drug, its forms, pharmacokinetics, pharmacodynamics, the interaction mechanisms of drugs with food, bioactive components in foods, foods that accelerate or slow down the activity of the drug, and adverse effects.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 406	Ethics in Health Sciences	E	2	0	2	4
Course Content Ethical concepts and principles, Health care ethics, Code of Ethics for Nutritionist-Dietitians, Ethical decision making.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 408	Enteral and Parenteral Nutrition II	E	2	3	3	4
Course Content To gain knowledge on the nutritional assessment methods, requirements, products and practices in different diseases in the field of enteral and parenteral nutrition in adults.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 412	Current Applications in Pediatrics II	E	3	0	3	5
Course Content The aim of the lecture is to analyze medical nutrition therapy approaches in the field of pediatrics with the most up-to-date information and to make case studies.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 414	Current Applications in Medical Nutrition Therapy II	E	3	0	3	5
Course Content To examine the current approaches in the medical nutrition therapy of diseases and to develop critical thinking skills about their applicability and practical use, and to discuss based on references.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 416	Menu Planning in Diseases II	E	3	0	3	5
Course Content Menu planning by applying medical nutrition therapy to case studies.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 417	Mediterranean Diet and Health II	E	3	0	3	5
Course Content Learning the Mediterranean diet, compliance with this diet and its relationship with health.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 422	Eating Behaviour Disorders	E	1	0	1	2
Course Content Examination of eating behavior disorders such as obesity, anorexia nervosa, bulimia nervosa.						

Course Code	Course Name	C/E	T	P	C	ECTS
NAD 424	Nutrient-Drug Interaction	E	2	0	2	4
Course Content To obtain information about the definition of the drug, its forms, pharmacokinetics, pharmacodynamics, the interaction mechanisms of drugs with food, bioactive components in foods, foods that accelerate or slow down the activity of the drug, and adverse effects.						

