

## PHYSIOLOGY I

Course Name	Code	Term	Theory (hours/week)	Application (hours/week)	Laboratory (hours/week)	ECTS
PHYSIOLOGY I	BDB209	6.Autumn	2	0	0	4
Prerequisites	None					
Language of Instruction	Turkish					
Course Type	Compulsory					
Learning and Teaching Techniques of The Course	Expression, Question & Answer, Discussion					
Instructor(s)	Physiology USA Teaching Members					
Goal	In healthy individuals, the body learns the normal working principles of cells, tissues, organs and systems.					
Learning Outcomes	1. Be able to learn the working mechanisms of all cells, tissues, organs and systems in the body 2. Understand the importance of blood, oxygen for cells in human body and their relation with foods 3. Learn the physiology of the human body systems and their cellular structures 4. Being able to have basic information about the physiology of the systems in the human body and knowledge about the causes of the basic diseases related to the systems					
References	1. A.C. Guyton & Hall, Textbook of Medical Physiology 2. Costanzo, Physiology					

### Course Outline Weekly:

WEEKS	TOPICS
1. Week	Cell and general physiology
2. Week	Cell and general physiology
3. Week	Peripheral nervous system physiology
4. Week	Peripheral nervous system physiology
5. Week	Muscle system physiology
6. Week	Muscle system physiology
7. Week	Muscle system physiology
8. Week	<b>MIDTERM EXAM</b>
9. Week	Blood system physiology
10. Week	Blood system physiology
11. Week	Circulatory system physiology
12. Week	Circulatory system physiology
13. Week	Circulatory system physiology
14. Week	Respiratory system physiology
15. Week	Respiratory system physiology

### Student Work Load Table

Activities	Number	Duration	Total Work Load
Course Duration	14	2	28
Laboratory			
Practice			
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)	14	1	14
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	3	3
Final Exam Preparation Time	1	5	5
<b>Total Work Load ( hour) / 25(s)</b>	<b>50 / 25=2</b>		
<b>ECTS</b>	<b>2</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
1. To acquire information in the basic and social sciences as the Dietitian as he profession entails and make use of it for life.	4	4	4	4
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. 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. She/he can use the knowledge to raise the level of community health and the quality of life.				
5. Assess the nutritional status of the patients, evaluate the clinical symptoms, plan and apply individualized medical nutrition therapy for the patients.	2	2	2	2
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.	5	5	5	5
9. The student can participate in Nutrition and Dietetics practices individually and/or within 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	3	3	3	3
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.				

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