

**ANATOMY – PHYSIOLOGY I**

Name of the Course	Code	Semester	Theory (hour/week)	Application (hour/week)	Laboratory (hour/week)	Ects
ANATOMY - PHYSIOLOGY I	SBF121	1st Semester/ Fall	3	0	0	5
Prerequisites	No					
Language of the course	Turkish					
Type of Course	Mandatory					
Learning and teaching techniques of the course	Narration, Q&A, Show, Application - Exercise					
The principal of the course						
The purpose of the course	Gene I is a systematic, regional and functional teaching of human anatomy, along with the necessary details.					
Learning outcomes of the course	1. To be able to recognize the human body and its parts, 2. To be able to use terminology and general terms, 3. To be able to show the anatomical placements of systems and organs, 4. Understanding vascular and neural connections, 5. Understanding the tasks of systems and organs,					
Resources	1. Basic Anatomy, Cumhur M.(editor), METU Development Foundation, METU PRESS, 1st Edition, November 2001. 2. Netter FH(2002). Human Anatomy Atlas, Translation from The Third Edition (Çev. Ed: Prof. Dr. Meserret Cumhur, Palme Publishing, Ankara, 2002). 3. Gilroy Anatomy Atlas Translation, Translation directors: H. Hamdi Celik, C. Cem Denk (Translation Board, David Ö,), PALME Publishing, Ankara, 2010, 2011					

**Weekly Course Topics:**

Weeks	TOPICS TO DISCUSS
1. Week	Introduction to anatomy
2. Week	Systematic Anatomy / Cell histology
3. Week	Bone and joint anatomy / Tissue Histology
4. Week	Bone and joint anatomy / Homeostasis
5. Week	Energy sources in muscles/ muscles
6. Week	Muscle/Tissue histology
7. Week	<b>I. INTERMEDIATE EXAM</b>
8. Week	Anatomy of the cardiovascular system
9. Week	Anatomy of the cardiovascular system / Cardiovascular system physiology
10. Week	Regulation of heart rate/ Regulation of blood pressure
11. Week	Respiratory system anatomy
12. Week	Respiratory system anatomy / Respiratory system physiology
13. Week	Regulation of breathing
14. Week	<b>II. INTERMEDIATE EXAM</b>
15. Week	<b>Final</b>

**Student Workload Table**

Events	Number	Time	Total Workload
Course	14	3	42
Laboratory			
Application			
Field Work			
Out-of-Class Study Time (Free work/Group Work/Preliminary Work)	14	4	56
Presentation (Video Shoot/Poster Staging/Verbal Presentation/Focus Group Interview/Survey Application/Observation and Report Writing)			
Seminar Preparation			
Project			
Case Study			
Playing Roles, Dramatizing			
Write-Critical			
Mid-semester exams	2	10	20
End-of-semester exams	1	7	7
<b>Total workload (hour) / 25(s)</b>	<b>125/25=5</b>		

<b>Course ECTS</b>	<b>5</b>		
<b>Evaluation System</b>			
<b>Mid-term studies</b>		<b>Number</b>	<b>Contribution</b>
Midterm Exam		2	%100
Short Exam			
Laboratory			
Application			
Field Work			
Course-Specific Internship (If Applicable)			
Assignments			
Presentation and Seminar			
Projects			
Other			
<b>Sum of in-term studies</b>			100
<b>End-of-semester studies</b>			
Final		1	%100
Homework			
Application			
Laboratory			
<b>Sum of end-of-semester studies</b>			100
Contribution of Mid-Semester Studies to Success Score			%50
Contribution of the End-of-Semester Exam to The Success Score			%50
<b>Sum of the success score</b>			100

#### Associating the learning outcomes of the courses with program qualifications

<b>Program qualifications</b>	<b>Learning Outcomes of the Course</b>				
	<b>Ö.Ç.1</b>	<b>Ö.Ç.2</b>	<b>Ö.Ç.3</b>	<b>Ö.Ç.4</b>	<b>Ö.Ç.5</b>
1. As a dietitian, you can obtain information about basic and social sciences that his profession requires and to use them throughout his life. Research, practice, accuracy, reliability and validity of basic information and evidence-based current developments in nutrition and dietetics					
2. To develop individual nutrition plan and program in accordance with adequate and balanced dietary rules					
3. To develop food and nutrition plans and policies for scientific ally ingenu's energy and nutrient needs, maintaining, improving and improving health care					
4. By using the current knowledge and skills acquired in the field of Nutrition and Dietetics, it can determine and evaluate the nutritional status of the individual, society and patient. Use the information obtained to improve the level of health and quality of life of the community					
5. It can interpret the nutritional status of sick individuals based on their nutritional status and develop patient-specific medical nutritional treatments based on clinical findings					
6. Understanding the basic values and culture of the society in which it lives, adapting to them and changing itself in a positive way					
7. Makes laboratory applications for factors affecting product development, nutrient analysis and quality, evaluates according to reviews and regulations					
8. It has concepts for anatomy, physiology, functioning and maintaining biological systems that form the basis of human health	4	4	4	4	4
9. In the field of Nutrition and Dietetics, you can participate in individual and/or team studies to demonstrate their accuracy, express their thoughts and opinions in oral and written manner by offering justifications and evidence, and communicate effectively with all team objectives in accordance with ethical principles		3			
10. By using methods for determining the nutritional status of the society, it has the knowledge to develop food and nutrition plans and policies for the protection, improvement and development of health.					

**Proficiency level:** **1:** Low, **2:** Low/Medium, **3:** Medium, **4:** High, **5:** Perfect