



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Human Anatomy and Physiology.							
Course Code		FBÖ357		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aim of the lesson is to teach basic body structure, organs, systems and their physiology .							
Course Content		Introduction to anatomy and structural order, anatomical regions and gaps, tissues, skeletal system and joints; anatomy and physiology of muscle system; anatomy and physiology of respiratory system; anatomy and physiology of circulatory system; anatomy and physiology of excretory system; anatomy and physiology of the nervous system; anatomy and physiology of the reproductive system; anatomy and physiology of the endocrine system.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Prof. Nilgün YENİCE							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	İnsan Anatomisi ve Fizyolojisi. Aktümsek, A., Nobel Yayın Dağıtım, 2015
2	İnsan Anatomisi ve Kineziyoloji. Demirel H.A., Koşar N.Ş., Nobel yayın dağıtım, 2002.
3	İnsan Anatomisi ve Fizyolojisine Giriş. Solomon E.P., Birol Yayınevi, İstanbul 1997.
4	Human Anatomy And Physiology. Carola R, Harley JP, Noback CR. Second Ed. Mc Graw Hill. 1992.

Week	Weekly Detailed Course Contents	
1	Theoretical	1. Introduction to anatomy and structural order
2	Theoretical	2. Anatomic regions and voids of the body
3	Theoretical	3. Organ systems: nutrition and metabolism
4	Theoretical	4. Anatomy and physiology of digestive system
5	Theoretical	5. Anatomy and physiology of circulatory system
6	Theoretical	6. Anatomy and physiology of excretory system
7	Theoretical	7. Anatomy and physiology of respiratory system
8	Intermediate Exam	midterm
9	Theoretical	9. Female reproductive system menstruation cycle
10	Theoretical	10. Male reproductive system
11	Theoretical	11. Fertilization and embryo development
12	Theoretical	12. Motion system (skeleton and muscles)
13	Theoretical	13. Anatomy and physiology of endocrine system
14	Theoretical	14. Anatomy and physiology of nervous system
15	Theoretical	15. Sensor organs
16	Final Exam	Final

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	14	1	1	28
Individual Work	12	0	1	12
Midterm Examination	1	6	1	7



Final Examination	1	10	1	11
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	1 Explain basic information about the functioning of the human body
2	2 Know the basic units that make up the human body.
3	3 Explain skeletal system with examples.
4	4 Describe lymphatic and the immune (defense) system.
5	5 Explain the structure and function of nervous system.
6	6 Explain the structure and function of sense organs.
7	7 Describe endocrine system.
8	8 Describe circulatory system (blood, heart and blood vessels)
9	9 Describe the circulatory system types (pulmonary, systemic, portal, cerebral and fetal circulation).
10	10 Describe the structure and function of respiratory system.
11	11 Describe the structure and function of the digestive system.
12	12 Describe the structure and function of the urinary system.
13	13 Describe the structure and function of the reproductive system.

### Programme Outcomes (Science Teacher Education)

1	To be able to gain subject knowledge of profession in theory and practice in the learning process.
2	To be able to gain the competence of using the appropriate approach, strategy, method and technique for the instructional plans to be prepared in the learning process.
3	To be able to gain the skills of the teaching profession in the learning process.
4	To be able to implement teaching profession knowledge, skills, attitudes and habits related to the subject-matter in a real teaching and learning environment in the learning process.
5	To be able to comprehend contemporary approaches of education and the philosophy they are based on.
6	To be able to gain the basic skills such as comprehending, expressing, commenting, evaluating, being aware and enterprising, communicating, acknowledging the individual related to the subject-matter.
7	To be able to become individuals faithful to the Principles and Revolutions of Atatürk, be modern democratic, secular, protecting and developing one's country, being alive to the nation, respecting human rights, preserving the nature, not being discriminatory, giving importance to the traditions and customs, protecting the values
8	To be able to improve oneself in terms of sport, art and culture.
9	To be able to become individuals believing in lifelong learning.
10	To be able to gain the vision of being individuals who keep up with developments in social, economic, technological and scientific areas, who investigate the main reasons of World problems and try to contribute to the solutions of these problems.

### 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	L9	L10	L11	L12	L13
P1	5	5	5	5	5	5	5	5	4	5	4	4	4
P2	4	5	5	4	5	5	5	4	5	5	5	5	4
P3	5	5	5	5	4	5	5	4	4	5	4	5	4
P4	5	4	5	5	5	5	4	4	5	4	5	5	5
P5	5	4	5	4	4	5	4	5	5	4	4	5	5
P6	5	5	5	4	4	5	5		4	5	5	5	5
P7	5	5	4	4		4	5	5	4	5	5	5	5
P8	5	4	4	5	5	5	5	4	5	5	4	5	5
P9	4	4	5	5	4	5	4		4	4	5	5	5
P10	4	4	5	4	4	4	5	5	5	4	4	4	5

