



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Human Anatomy and Physiology							
Course Code		FBÖ301		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	2	Workload	52 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Introduction of basic information about human anatomy and physiology							
Course Content		The definition of anatomy and physiology, the anatomical planes and axis of the body, organ systems: nutrition and metabolism, the digestive system, circulatory system, excretory system, respiratory system, female reproductive system and menstruation cycle, the male reproductive system, fertilization and embryo development process, the motion system ( and skeletal muscle), endocrine system, nervous system and sensory organs							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	İnsan Anatomisi ve Kineziyoloji. Demirel H.A., Koşar N.Ş., Nobel yayın dağıtım, 2002.
2	İnsan anatomisi ve fizyolojisine giriş. Solomon E.P., Birol Yayınevi, İstanbul 1997.
3	Human Anatomy And Physiology. Carola R, Harley JP, Noback CR. Second Ed. Mc Graw Hill. 1992.

Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomy and physiology
	Preparation Work	
2	Theoretical	Anatomic planes and axis
	Preparation Work	
3	Theoretical	Organ systems: nutrition and metabolism
	Preparation Work	
4	Theoretical	Digestive system
	Preparation Work	
5	Theoretical	Circulatory system
	Preparation Work	
6	Theoretical	Excretory system
	Preparation Work	
7	Theoretical	Respiratory system
	Preparation Work	
8	Theoretical	Female reproductive system menstruation cycle
	Preparation Work	
9	Preparation Work	
	Intermediate Exam	Midterm exam
10	Theoretical	Male reproductive system
	Preparation Work	
11	Theoretical	Fertilization and embryo development
	Preparation Work	
12	Theoretical	Motion system (skeleton and muscles)
	Preparation Work	
13	Theoretical	Endocrine system
	Preparation Work	
14	Theoretical	Nerve system



14	Preparation Work	
15	Theoretical	Sensor organs
	Preparation Work	
16	Preparation Work	
	Final Exam	Final exam

**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Reading	12	0	1	12
Midterm Examination	1	4	1	5
Final Examination	1	6	1	7
Total Workload (Hours)				52
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

1	Definition of anatomy and physiology
2	Compherension and comparison of anatomic planes and axis
3	Compherension of organ systems
4	Compherension of digestive system
5	Compherension of circulatory system
6	Compherension of excretory system
7	Compherension of respiratory system
8	Compherension of female reproductive system menstruation cycle
9	Compherension of male reproductive system
10	Definition of fertilization process and embryo development

**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 deveoping 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
P1	4	5	4	4	4	4	5	5	4	4
P2	5	4	4	4	5	5	4	5	5	5
P6	4	4	4	4	4	4	4	4	5	5
P9	4	5	4	5	5	4	4	4	4	4

