

Course Title	Code	Semester	Theoretical (hours/week)	Practice (hours/week)	Laboratory (hours/week)	ECTS
HUMAN PHYSIOLOGY	HEM102	2. Spring	3	0	0	5
Prerequisites	None					
Language of Instruction	Turkish					
Course Type	Compulsory					
learning and teaching techniques of the Course	Lecture, Question&Answer, Demonstration, Drill - Practice					
Instructor(s)	Prof. Dr. Ahmet SNAV Prof. Dr. Aysel GÜVEN BAGLA Prof. Dr. Fatma TÖRE Prof. Dr. Lütfi ÇAKAR					
Goal	Getting a sound knowledge of general-regional-functional human anatomy with a special attention on requisite details of Department of Nutrition and Dietetics practice					
Learning Outcomes	<ol style="list-style-type: none"> <li>1. To be able to understand the function of hormones</li> <li>2. To be able to learn function of urogenital system and excretory system</li> <li>3. To be able to learn anatomic placements of systems and organs</li> <li>4. To be able to learn vessel and neural connections</li> <li>5. To be able to learn functions of systems and organs</li> </ol>					
References	<ol style="list-style-type: none"> <li>1. Temel Anatomı, Cumhur M.(editör), ODTÜ Geliştirme Vakfı, METU PRESS, 1inci Baskı, Kasım 2001.</li> <li>2. Netter FH(2002). İnsan Anatomisi Atlası, Üçüncü Baskıdan Çeviri,(Çev. Ed: Prof. Dr. Meserret Cumhur, Palme Yayıncılık, Ankara, 2002.</li> <li>3. Gilroy Anatomi Atlası Çevirisi, Çeviri yönetmenleri: H. Hamdi Çelik, C. Cem Denk (Çeviri Kurulunda, Davut Ö,), PALME Yayıncılık, .Ankara, 2010, 2011</li> </ol>					

#### Course Outline Weekly:

Weeks	Topics
1. Week	Introduction to Physiology, Homeostasis, Cell Physiology
2. Week	Liquid-Electrolyte Balance and Regulation
3. Week	Nervous System Physiology
4. Week	Cardiovascular system physiology
5. Week	Hematological System Physiology
6. Week	Respiratory system physiology
7. Week	MIDTERM EXAM
8. Week	Digestive System Physiology
9. Week	Urinary System Physiology
10. Week	Endocrine system physiology
11. Week	Reproductive System Physiology
12. Week	Physiology of fetus and newborn
13. Week	Heat Regulation in the Body and Exercise Physiology
14. Week	Special Audiences
15. Week	Again
16. Week	FINAL EXAM

**ECTS (Student Work Load Table)**

Activities	Number	Duration	Total Work Load
Course Duration (X14 )	14	3	42
Laboratory			
Practice			
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)	14	3	42
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)	1	21	21
Seminars			
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam	1	8	8
Final Exam Preparation Time	1	12	12
<b>Total Work Load ( hour ) / 25(s)</b>		125/25=5	
<b>ECTS</b>		<b>5</b>	

**Evaluation System**

Mid-Term Studies	Number	Contribution
Midterm exams	1	%50
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>		<b>%50</b>
Final works		
Final	1	%50
Homework		
Practice		
Laboratory		
<b>Total Time To Activities For Midterm</b>		<b>%50</b>
Contribution Of Midterm Studies On Grades		%50
Contribution Of Final Exam On Grades		%50
<b>Total</b>		<b>100</b>

**The relationship between learning outcomes and the program qualifications of the courses**

Program Qualifications	Learning outcomes							
	L.O1	L.O2	L.O3	L.O.4	L.O.5	L.O.6	L.O.7	L.O.8
1. Competent and has the capabilities to fulfill their occupational duties.	5	5	5	5	5	5	5	5
2. Knows the theories and models that form the basis of Professional practice.	5	5	5	5	5	5	5	5
3. Has the general knowledge required to be both an individual and a member of the occupation.								
4. Carries out nursing practice based on the principles and standards.	4	4	4	4	4	4	4	4
5. Meets the health-care needs of the individuals, families and the society with a holistic approach.								
6. Makes use of effective communication.								
7. Utilizes information and care technologies in professional practice and research.	5	5	5	5	5	5	5	5
8. Uses scientific principles and techniques in Nursing practice.								
9. Follows the latest advances and communicates with colleagues in a foreign language.								
10. Behaves according with the professional ethics and values.								
11. Takes the related legislation and regulations into account in Nursing practice.								
12. Follows the politics and regulations affecting the Nursing profession.								
13.Uses the learning-teaching and management processes in Nursing practice.								
14.Uses the life-long learning, problem-solving and critical thinking abilities.								
15. With a sense of social responsibility takes part in studies, projects and some other activities with other team members and other disciplines.								
16. Joins in activities that can contribute to professional development.								
17. Sets as a model for colleagues and the society with their professional identity.								
18. Protects the basic values and social rights.								
<b>Contribution to the level of proficiency:</b> 1. Lowest, 2. Low / Medium, 3. Average, 4. High, 5. Excellent								

