



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|---|-------------|--|---|--------------------------------|---|------------|---|
| Course Title | | Sports Anatomy | | | | | | | |
| Course Code | | TAN651 | | Course Level | | Third Cycle (Doctorate Degree) | | | |
| ECTS Credit | 4 | Workload | 103 (Hours) | Theory | 2 | Practice | 2 | Laboratory | 0 |
| Objectives of the Course | | The aim of this course is to teach the basic structure and functions of the human body, the movements and functions of the muscles, and the kinesiological analysis of movements. | | | | | | | |
| Course Content | | It includes the structure and functions of organs and systems that make up the body, anatomical posture, planes, axes, functions of muscles, joint movements and kinesiological examination of movements. Movement analysis, considering the passive and active elements of the movement; Joints participating in the movement, movements made in the joints, muscles participating in the movement, the position of the muscles relative to the joints and contraction types will be examined. | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Discussion, Case Study, Individual Study | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 60 |

Recommended or Required Reading

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| 1 | Gray's School of Medicine Anatomy for the Student, 1st edition, by Prof. Dr. Mehmet Yıldırım, Güneş Bookstore – Ankara, 2007 |
| 2 | Basic Clinical Anatomy, 2nd edition, Keith L. Moore, Anne M. R. Agur, Alaittin Elhan Güneş Bookstore – Ankara, 2006 |
| 3 | Sobotta Atlas of Human Anatomy Volume 1-2. 2. Turkish edition Prof. Dr. Kaplan Arıncı, H. Ferner and J. Staubesand – Munich, 1985. |
| 4 | Gökmen F. G. Systematic Anatomy, İzmir Güven Bookstore, 2008. |
| 5 | L. Bikem Süzen: Movement System Anatomy and Kinesiology, Nobel Medical Bookstores, 2021. |
| 6 | Welsh C., Prentice-Craver C., Shier D. , Butler J. and Lewis R. Hole's. Human Anatomy & Physiology, 16th Edition, New York, Mc Graw-Hill, 2022. |

Week Weekly Detailed Course Contents & Teaching Methods

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|----|-------------------|--|
| 1 | Theoretical | Anatomical features of the bones of the upper extremity |
| 2 | Theoretical | Anatomical features of the upper extremity joints |
| 3 | Theoretical | Anatomical features of the upper extremity muscles |
| 4 | Theoretical | Innervation of structures located in the upper extremity |
| 5 | Theoretical | Nutrition of structures located in the upper extremity |
| 6 | Theoretical | Clinical conditions related to structures in the upper extremity |
| 7 | Intermediate Exam | Midterm exam |
| 8 | Theoretical | Functional features of structures located in the upper extremity |
| 9 | Theoretical | Anatomical features of the bones of the lower extremities |
| 10 | Theoretical | Anatomical features of the joints of the lower extremities |
| 11 | Theoretical | Anatomical features of the muscles of the lower extremities |
| 12 | Theoretical | Innervation of structures located in the lower extremities |
| 13 | Theoretical | Nutrition of structures located in the lower extremities |
| 14 | Theoretical | Functional features of structures located in the lower extremity |
| 15 | Theoretical | Clinical conditions related to structures located in the lower extremity |
| 16 | Final Exam | Final exam |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 2 | 2 | 56 |
| Lecture - Practice | 14 | 1 | 2 | 42 |
| Midterm Examination | 1 | 1 | 1 | 2 |



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|---|---|---|---|-----|
| Final Examination | 1 | 2 | 1 | 3 |
| Total Workload (Hours) | | | | 103 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 4 |
| *25 hour workload is accepted as 1 ECTS | | | | |

Learning Outcomes

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|---|--|
| 1 | Recognizes, names and explains the structural features of the formation he sees. |
| 2 | Defines the topographical relations of anatomical formations with each other. |
| 3 | Can relate the functional properties of organs with their structural properties. |
| 4 | Distinguish between normal and abnormal structures of tissues and organs. |
| 5 | Can identify structures belonging to this system in radiological images. |

Programme Outcomes (Anatomy (Medical) Doctorate)

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|----|---|
| 1 | Be able to acquire enough knowledge and use of the infrastructure about Human anatomy and clinical anatomy, terminology |
| 2 | To use information on the science of anatomy study areas. |
| 3 | Anatomy is associated with other related disciplines to comprehend and to synthesize interdisciplinary interaction |
| 4 | Obtain the information about Systematic and topographical anatomy of the human-oriented structures, functions and their relationship with each other. |
| 5 | Create problems and solutions related fields to reveal the anatomy, experimental methods to gain the ability to solve the hypothesis. |
| 6 | Literature search ability, reading scientific papers, be able to evaluation and follow-up-to-date information |
| 7 | To be able to prepare the article in the science of anatomy |
| 8 | To be able to present papers in the field of science of anatomy |
| 9 | To gain enough discipline and experience related to anatomy and to be an expert |
| 10 | To have professional ethics and responsibility |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

| | L1 | L2 | L3 | L4 | L5 |
|-----|----|----|----|----|----|
| P1 | 5 | 3 | 4 | 4 | 4 |
| P2 | 4 | 4 | 4 | 5 | 3 |
| P3 | 5 | 3 | 3 | 4 | 5 |
| P4 | 5 | 5 | 5 | 5 | 3 |
| P5 | 4 | 4 | 3 | 4 | 5 |
| P6 | 5 | 3 | 4 | 5 | 4 |
| P7 | 4 | 5 | 5 | 4 | 5 |
| P8 | 5 | 4 | 4 | 3 | 3 |
| P9 | 5 | 5 | 5 | 4 | 5 |
| P10 | 5 | 4 | 3 | 5 | 4 |

