

LOCOMOTOR SYSTEM ANATOMY

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| 1 | Course Title: | LOCOMOTOR SYSTEM ANATOMY | |
| 2 | Course Code: | TAN5010 | |
| 3 | Type of Course: | Optional | |
| 4 | Level of Course: | Second Cycle | |
| 5 | Year of Study: | 1 | |
| 6 | Semester: | 2 | |
| 7 | ECTS Credits Allocated: | 5.00 | |
| 8 | Theoretical (hour/week): | 2.00 | |
| 9 | Practice (hour/week): | 2.00 | |
| 10 | Laboratory (hour/week): | 0 | |
| 11 | Prerequisites: | No | |
| 12 | Language: | Turkish | |
| 13 | Mode of Delivery: | Face to face | |
| 14 | Course Coordinator: | Prof. Dr. SENEM ÖZDEMİR | |
| 15 | Course Lecturers: | Doç. Dr. Senem Özdemir | |
| 16 | Contact information of the Course Coordinator: | senem@uludag.edu.tr 2953817 Uludağ Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Binası, Anatomi Anabilim Dalı, 16059, Nilüfer, Bursa | |
| 17 | Website: | | |
| 18 | Objective of the Course: | Ph D students gain knowledge of basic anatomy of moving (locomotor) system such as bones, joints, muscles and others soft tissue elements | |
| 19 | Contribution of the Course to Professional Development: | Basic information about the locomotor system components | |
| 20 | Learning Outcomes: | | |
| | | 1 | To know the general concepts of bones, joints and muscles |
| | | 2 | To know all the names of the bones of the axial and the appendiküler skeleton and to know the properties of these |
| | | 3 | To know all the names of joints and to know the properties of these |
| | | 4 | To know all the names of muscles and to know the properties of these |
| | | 5 | To know the Motion System Mechanics, Gait Analysis |
| | | 6 | To obtain information to create the infrastructure of clinical manifestation |
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| 21 | Course Content: | | |
| | | Course Content: | |
| Week | Theoretical | Practice | |
| 1 | Introduction to the anatomy of the Movement System,Basic Concepts-I: Bone, joint and muscle general information | Introduction to the anatomy of the Movement System,Basic Concepts-I: Bone, joint and muscle general information | |

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| 2 | Bones of Axial Skeleton I: Neurocranium and Viscerocranium bones | Bones of Axial Skeleton I: Neurocranium and Viscerocranium bones |
| 3 | Bones of Axial Skeleton II: Columna vertebralis, Cavitas thoracis | Bones of Axial Skeleton II: Columna vertebralis, Cavitas thoracis |
| 4 | Bones of Appendicular Skeleton I: Bones of upper extremity | Bones of Appendicular Skeleton I: Bones of upper extremity |
| 5 | Bones of Appendicular Skeleton II: Bones of lower extremity | Bones of Appendicular Skeleton II: Bones of lower extremity |
| 6 | Joints of the axial skeleton | Joints of the axial skeleton |
| 7 | Joints of the pelvis | Joints of the pelvis |
| 8 | Joints of the upper extremity | Joints of the upper extremity |
| 9 | Joints of the lower extremity | Joints of the lower extremity |
| 10 | Muscle of the head and neck, Muscle of the trunk | Muscle of the head and neck, Muscle of the trunk |
| 11 | Muscle of the upper extremity | Muscle of the upper extremity |
| 12 | Muscle of the lower extremity | Muscle of the lower extremity |
| 13 | Motion System Mechanics, Gait Analysis | Motion System Mechanics, Gait Analysis |
| 14 | Motion system point of view concerning the clinical events | Motion system point of view concerning the clinical events |

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| 22 | Textbooks, References and/or Other Materials: | 1- Sobotta İnsan Anatomisi Atlası. R. Putz, R. Pabst, 3 Cilt, (Türkçe Çeviri) 7. Baskı, Beta Basım Yayım, Münih, 2011, ISBN 9786053775010 2- Anatomi. A. Çimen, 6. Baskı, Uludağ Üniversitesi Tıp Fakültesi, Bursa, 1996, ISBN 975564022-1 |
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| Activites | Number | Duration (hour) | Total Work Load (hour) |
|----------------------------|--------|-----------------|------------------------|
| 23 Theoretical Assessment | 14 | 2.00 | 28.00 |
| Practicals/Labs | 14 | 2.00 | 28.00 |
| Self study and preparation | 0 | 7.00 | 98.00 |
| Midterm Exam | 0 | 0.00 | 0.00 |
| Homeworks | 0 | 0.00 | 0.00 |
| Projects | 0 | 0.00 | 0.00 |
| Home work-project | 0 | 0.00 | 0.00 |
| Field Studies | 0 | 0.00 | 0.00 |
| Midterm exams | 1 | 0.00 | 0.00 |
| Total | 100.00 | 0.00 | 0.00 |
| Others | 0 | 0.00 | 0.00 |
| Final Exam | 1 | 2.00 | 2.00 |
| Total Work Load | | | 156.00 |
| Total work load/ 30 hr | 100.00 | | 5.20 |
| ECTS Credit of the Course | | | 5.00 |

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| Course | |
| 24 | ECTS / WORK LOAD TABLE |

| 25 | CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS | | | | | | | | | | | | | | | |
|-----|---------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|
| | PQ1 | PQ2 | PQ3 | PQ4 | PQ5 | PQ6 | PQ7 | PQ8 | PQ9 | PQ10 | PQ11 | PQ12 | PQ13 | PQ14 | PQ15 | PQ16 |
| ÖK1 | 5 | 4 | 3 | 4 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK2 | 5 | 4 | 3 | 4 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK3 | 5 | 4 | 3 | 4 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| ÖK4 | 5 | 4 | 3 | 4 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK5 | 5 | 4 | 3 | 4 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK6 | 5 | 4 | 3 | 4 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LO: Learning Objectives PQ: Program Qualifications | | | | | | | | | | | | | | | | |
| Contribution Level: | 1 very low | | 2 low | | 3 Medium | | 4 High | | 5 Very High | | | | | | | |